

Lancaster Farming

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FARM TRENDS

A summary of market
and commodity news
for the past week

by Dick Wanner

Sorry, Charolais

Last year, just about every baby beef event in local fairs was dominated by Charolais cattle. The dawning of a new day in the beef industry was forecast by some, with the Charolais breed shining like the sun. Thursday night, though, observers saw Charolais, Angus and Hereford entries eclipsed by a very meaty Simmental-Angus cross. Simmental backers are predicting great things for the breed. They know they're going to have to reckon though, with the Italian Chianina which is now being bred into existing American stock. Purebred Chianina are expected to be available here by 1975.

Americans don't know yet what quality meat they can get from Simmental, Chianina and any other exotic breeds that might come along. They do know they can get a lot of meat from these animals, and that consideration is probably more important now that it's ever been.

Beef Takes a Dip

Consumers are going to find beef prices down considerably in the next few weeks, according to predictions from the American Meat Institute. This downward trend in retail prices is expected to follow the wholesale price decline which has materialized since the lifting of the price freeze on beef. Few prognosticators dared to say prices would fall after the freeze was lifted, but they were generally agreed they wouldn't go up much. There's evidently still some consumer resistance to retail prices, and wholesaler supplies, according to some figures, are beginning to back up. This condition must ultimately show up in auction prices, and has already brought local and national auction prices down to between \$45 and \$50 where just a few weeks ago choice cattle were selling for as high as \$61 a hundredweight.

"There Are Cheaper Ways to Build Character"

To end a column that's turned into a beef special, we quote an observer at the Solanco Fair Baby Beef Show on Thursday night. "There aren't as many entries this year as last year, and I think it's because of the high feeder prices. If a family has three children with beef projects, they'll have \$1000 tied up in steers. Baby beef projects are fine, but there are lots cheaper ways to build character."

Winners Named at 24th Solanco Fair

Perfect weather greeted visitors to the 24th annual Southern Lancaster County Community Fair, which opened officially on Wednesday and closed Friday.

The highlight of Wednesday's events was the dairy show,

which, this year, was bigger than ever. Close to 140 animals were entered this year, compared to just over 100 in the 1972 show. Asked if this meant there were more cows in the Solanco area, or just more interest in the show, one fair official said interest in the competition was the key factor.

Wednesday also saw the judging of crops, and the crops exhibit this year was a real dazzler. Ken Rutt, general manager of the fair, said the crops on display looked better this year than any other year he could remember.

Thursday's competition started with tractor driving, continued on through the evening with the cattle and swine shows and ended with the FFA and open tug-o-war championships. This year's champion FFA rope pullers were the Oxford chapter. Octorara was second and Manheim was third.

Results of Wednesday's dairy competition, by breed, were:

Holstein

Junior Calf - John Welk, first; Maurice Welk, second. Intermediate Calf - Linda Akers, first; Gary Akers, second. Senior Calf - Jim Bucher, first; Maurice Welk, second. Junior Yearling - Donna Akers, first; Carl Troop,

second. Senior Yearling -- Edgefield Farms, first; Tom Galbreath, second. Two-year-old - Edgefield Farms, first; Gary Akers, second. Three-year-old - Carl Troop, first; Maurice Welk, second. Four-year and older - Maurice Welk, first; Jim High, second. Junior Get - Jim High, first. Best Three Females - Edgefield Farms. Dairy Herd - Maurice Welk. Dam-Daughter - Edgefield Farms. Best Udder - Maurice Welk. Open Champ - Maurice Welk; Jim High, reserve. Junior Division Champion - Gary Akers; Linda Akers, reserve.

Ayrshire

Senior Calf - Warren Schmuck, first; Leroy Sensenig, second.

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Farm Calendar

Saturday, September 22

Harvest Fair, Schaefferstown, September 22-23.

Monday, September 24

7 p.m. - Fulton Grange Community Night, Oakryn.

PA All-American Dairy Show, Farm Show Building, Harrisburg, September 24-28. Bloomsburg Fair, September 24-29.

Tuesday, September 25

7 p.m. - Inter-State Milk Producers' Coop Annual Dinner meeting, District 6, Blue Ball Fire Hall.

Ephrata Fair, September 25-29. Oley Valley Fair, September 25-29.

Eastern National Holstein Show, Harrisburg, September 27-28.

Wednesday, September 26

8:30 a.m. - 4 p.m. - PA. Broiler-Breeder Workshop, Farm and Home Center.

West Lampeter Community Fair, September 26-28.

Thursday, September 27

Lancaster County Swine Producers Board of Directors meeting, Farm and Home Center.

PA All-American Invitational Holstein Sale, Harrisburg.

Saturday, September 29

60th Annual Horticulture Show, Penn State, September 29-30.



Bob and Joyce Wagner, Quarryville RD2, are shown with their Guernseys which took grand and reserve champion honors in

breed competition Wednesday afternoon at the 24th annual Solanco Community Fair.



Tractor driving competition was a highlight of Thursday's events at the Solanco Community Fair this week.

Local Livestock Market, Auction News

Lancaster Market

Monday, Sept. 17				
	Cattle	Calves	Hogs	Sheep
Today	892	129	1194	151
Last Week	643	122	653	179
Last Year	627	147	771	159

CATTLE: Compared to last Wednesday, slaughter steers uneven, Choice and Prime 1.00-1.50 lower, instances 2.00 lower; Good steady to weak, Standard steady to 1.00 higher; cows steady to 50 lower; bullocks 2.00-3.00 lower; bulls 1.00-2.00 lower, although few 1350-1750 lb. yield grade 1 mostly steady. Supply included 875 in afternoon auction.

SLAUGHTER STEERS: High Choice and Prime 1200-1425 lb. 48.10-49.00; Choice 950-1200 lb. 47.75-48.75, couple head 950-975 lb. 49.00-49.60, Choice 1200-1400 lb. 47.10-48.25; Good 1000-1350 lb. 46.50-47.50; Standard and low Good 45.50-46.85.

SLAUGHTER HEIFERS: Choice 750-950 lb. 43.50-45.75, couple 46.00-47.00; Good 41.00-44.00.

COWS: Utility and high dressing Cutter 37.50-40.50, few 40.50-41.00; Cutter 36.00-38.00; Canner and low Cutter 34.00-36.00.

BULLOCKS: Choice 950-1250 lb. 47.00-50.50; Good 43.00-47.75.

BULLS: Yield grade 1 1350-1800 lb. 46.25-49.25, few 49.75-51.35, three head 2010-2225 lb. 49.00-50.25, yield grade 1 1000-1350 lb. 45.50-47.00, few 47.00-49.00, yield grade 2 1000-1650 lb. 42.00-46.00, few low dressing 40.00-42.00.

VEAL CALVES: Vealers uneven, mostly steady, although Choice and Prime scarce.

VEALERS: Prime 74.00-78.00, couple 80.00; Choice 67.00-74.00; Good 58.00-65.00, Standard 54.00-60.00.

SHEEP: Spring lambs 1.00-2.00 lower; ewes absent.

SPRING LAMBS: Choice 70-95 lb. 34.50-35.50, couple small lots 37.00, Good 30.00-34.00.

New Holland Horse Auction

Monday, September 17
Reported receipts of 542 head of horses, mules and ponies; market stronger.

Load Kentucky driving horses, 205 - 600.

Load Kansas riding horses 140 - 410.

Load Ohio riding horses, 145 - 400.

Load North Carolina horses, 95 - 195.

Local work horses 265 - 455; mules 115 - 165, driving horses 165 - 490, riding horses 160 - 210; better horses 240 - 300.

Killers: Lightweight 8 - 11; heavyweight 15 - 20.

Mare ponies 5 - 20, colts 3 - 8; geldings 5 - 15, larger ponies 35 - 60.

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Vintage Auction

Tuesday, Sept. 18				
	Cattle	Calves	Hogs	Sheep
Today	1094	805	42	
Last Week	1059	820	69	
Last Year	1001	774	47	

CATTLE: Compared to last Tuesday, slaughter steers 1.00-4.00 lower, instances 5.00 lower on early sales Choice and Prime; cows 50 lower, instances 1.00 lower; bulls and bullocks weak to 1.00 lower. Supply included 28 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 1075-1300 lb. 45.75-48.25, 1300-1400 lb. 45.00-46.75, couple lots 1415-1460 lb. 43.10-43.85; Choice 950-1300 lb. 45.00-47.50, several Choice yield grade 2 Charolais 48.50-50.60, couple 51.75-52.00; Choice 1300-1400 lb. 44.50-46.00, several Choice yield grade 2-3 Charolais 46.75-48.00; Good 44.75-47.00, including couple loads Good to low Choice 1250-1450 lb. Holsteins 45.85-46.85; Standard and low Good 43.00-45.10.

COWS: Utility and high dressing Cutter 36.50-38.50, few 38.75-39.50; Cutter 35.00-37.50; Canner and low Cutter 32.35-34.50.

BULLOCKS: Choice 900-1300 lb. 47.50-50.00, couple 51.60-52.25; Good 42.75-47.50.

BULLS: Yield grade 1 1000-1650 lb. 46.00-50.00, few 50.00-51.60; yield grade 2 1000-1500 lb. 43.00-47.00; few low dressing yield grade 2 40.75-42.50.

VEAL CALVES: Vealers 1.00-2.00 lower, although Utility steady with last week's sharp decline. Demand fair for calves returned to farm.

VEALERS: Prime 70.00-73.00, couple 74.00-78.00; Choice 65.00-70.50; Good 60.00-65.00; Standard 55.00-61.00; Utility 90-115 lb. 45.50-52.00, 70-90 lb. 32.00-45.50, one lot 61 lb. 25.00.

RETURNED TO FARM: Holstein heifers 85-125 lb. 68.00 - 71.50, one 16 head lot 94 lb. 84.00; Utility 80-105 lb. Holstein heifers 63.00-68.00; Holstein bulls 110-125 lb. 65.00-74.00, 90-105 lb. 55.00-61.50.

SHEEP: Supply mainly Good and Choice 60-90 lb. spring slaughter lambs selling weak to 1.00 lower at 34.00-38.50.

Regional Hay Prices

Monday, September 17, 1973
(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay and straw slow and steady.	
Alfalfa	50.00-60.00
Mixed Hay	30.00-50.00
Timothy Hay	30.00-40.00
Straw	30.00-32.00
Mulch	10.00-20.00

Lancaster Auction

Wednesday, Sept. 19				
	Cattle	Calves	Hogs	Sheep
Today	906	107	458	29
Last Week	679	75	350	14
Last Year	881	132	282	4

This Week's Auction 762 114 522 29

Last Week's Auction 708 114 366 52

CATTLE: Compared to Monday, slaughter steers 2.00-3.00 lower; cows 1.50-2.00 lower, instances 2.50 lower; bulls weak to 75 lower.

SLAUGHTER STEERS: High Choice and Prime 1100-1350 lb. 45.25-46.25, first load of steers in auction was a load of Prime yield grade 3-5 1285-1300 lb. at 42.50-43.10; Choice 950-1325 lb. 44.00-46.10, load Choice yield grade 3-5 1330-1380 lb. 43.10-44.10; Good 42.50-45.25, few Good 1175-1300 lb. Holsteins 45.75-46.50; Standard and low Good 42.50-44.60, few low Standard 41.00-42.50.

SLAUGHTER HEIFERS: Choice 950-1000 lb. 44.50-46.75; Good 39.00-41.75.

COWS: Utility and high dressing Cutter 35.25-38.25, couple 39.00-39.25; Cutter 34.50-36.75; Canner and low Cutter 30.75-33.50.

BULLOCKS: Few Choice 47.50-50.00; Good 44.00-47.25.

BULLS: Yield grade 1 1100-1850 lb. with a couple 1900-1950 lb. 45.50-49.85, individual 1705 lb. 50.60, and a 2505 lb. 49.50; yield grade 2 1000-1450 lb. 42.00-46.00, few low dressing 40.50-42.00.

VEAL CALVES: Vealers uneven, mostly steady to weak.

VEALERS: Prime 72.00-77.50, couple 79.00-80.00; Choice 66.00-72.00; Good 59.00-66.50; Standard 54.00-60.00; Utility 90-120 lb. 45.00-52.00, 65-85 lb. 37.00-45.00.

SLAUGHTER CALVES: Choice 285-325 lb. 58.00-64.00; Good 285-350 lb. 53.50-56.50.

SHEEP: Spring lambs mostly steady.

SPRING LAMBS: Couple lots Choice and Prime 40-70 lb. 42.00-44.00; Choice 80-100 lb. 34.50-35.00.

Growing Degree Days, Rainfall

A report from Penn State of weekly crop and weather roundups with a report on weather conditions for the week ending September 17.

In Lancaster, the average temperature for the week was 64 degrees, -2 degrees below the normal average for the time of year; weekly high was 83 degrees, low 45 degrees.

Growing degree days from April 1 for crops that start at 50-degrees totaled 2892, or 125 more than normal in an average year.

Rainfall for the week totaled 2.82 inches; rainfall from April 1 totaled 22.15 inches, or -1.22 inches less than normal.

New Holland Auction

Thursday, Sept. 20				
	Cattle	Calves	Hogs	Sheep
Today	997	547	44	
Last Week	1089	522	19	
Last Year	901	565	27	

CATTLE: Compared to last Thursday, slaughter steers 3.00-5.00 lower; cows 2.00-3.00 lower; bullocks 2.00-3.00 lower; bulls steady with last week's sales or 1.00-3.00 lower than early last Thursday.

SLAUGHTER STEERS: High Choice and Prime 1075-1200 lb. 46.00-47.50, three head 49.00-49.50; 1200-1300 lb. 44.85-46.00; Choice 950-1400 lb. 43.50-47.00, few 47.00-48.00, Good 42.00-45.00; Standard and low Good 40.75-43.75.

COWS: Utility and high dressing Cutter 35.25-37.25, few 37.50-38.00; Cutter 33.85-36.00; Canner and low Cutter 30.75-33.75.

BULLOCKS: Choice 900-1300 lb. 46.00-48.50; Good 43.00-46.00.

BULLS: Yield grade 1 1200-1650 lb. 45.75-48.25, couple 49.00-50.25; yield grade 2 1000-1450 lb. 42.00-46.00.

VEAL CALVES: Vealers 2.00-5.00 lower.

VEALERS: Prime 72.00-76.00, few 77.00-80.00; Choice 68.00-72.00; Good 60.00-67.00; Standard 55.00-60.00; Utility 90-120 lb. 48.00-56.00, 65-85 lb. 37.00-45.00.

SHEEP: Supply mainly Utility and Good slaughter ewes selling fully steady.

SLAUGHTER EWES: Utility and Good 18.00-20.00.

Monday, Sept. 17
Calf Receipts 111
Choice and Prime 72-80; Standard 60-67; Good and Low Choice 67-72; Common 50-60.

Monday, Sept. 17
14 loads of hay and 1 load straw sold as follows (prices per ton)
Alfalfa, few loads 48.00-65.00; Timothy, 2 loads 24.00 and 46.00; Mixed Hay 30.00-59.00; Bromegrass, one load at 36.00; Straw, one load at 44.00; Shelled Corn, one load at 2.34 per bushel; Ear Corn, 14 loads 45.00-75.00

Green Dragon Hay

Friday, September 14
16 loads hay, including: Couple loads Alfalfa 51.00 and 54.00; few loads Mixed hay 30.00 - 39.00.
1 load straw 36.00.
9 loads corn 64.00 - 75.00, one load at 82.00.

Composite Report

Friday Weekly, Sept. 21		
	Cattle	Calves
This Week	4250	1600
Last Week	4161	1584
Last Year	4678	1582

CATTLE: Compared to last week's close, slaughter steers 2.00-5.00 lower, most decline on Choice and Prime; cows 2.00-3.00 lower; bullocks 1.00-3.00 lower; bulls steady to 3.00 lower. Supply included an estimated 40 per cent slaughter steers, 35 per cent cows and bulls, with the balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 1075-1350 lb. 45.25-47.50, few 1200-1350 lb. 44.85-46.00; Choice 950-1400 lb. 43.50-47.00, load yield grade 3-5 1330-1400 lb. 43.10-44.10; Good 42.00-45.25, few Good to low Choice 1175-1450 lb. Holsteins 45.75-46.85; Standard and low Good 40.75-44.00.

COWS: Utility and high dressing Cutter 35.25-38.25, few 38.50-39.25; Cutter 33.85-36.75; Canner and low Cutter 30.75-33.75.

BULLOCKS: Choice 900-1300 lb. 46.00-50.00; Good 42.75-47.00.

BULLS: Yield grade 1 1000-1650 lb. 45.50-50.00, few 50.00-51.60, individual 2505 lb. 49.50; yield grade 2 1000-1500 lb. 42.00-47.00; few low dressing yield grade 2 40.50-42.50.

VEAL CALVES: Vealers 1.00-5.00 lower. Demand fair for calves returned to farm.

VEALERS: Prime 72.00-77.00, few 77.00-80.00; Choice 65.00-72.00; Good 59.00-67.00; Standard 54.00-61.00; Utility 90-120 lb. 45.00-55.00, 65-85 lb. 32.00-45.00, one lot 61 lb. 25.00.

RETURNED TO FARM: Holstein heifers 85-125 lb. 68.00-71.50, one 16 head lot 94 lb. 84.00; Utility 80-105 lb. Holstein heifers 63.00-68.00; Holstein bulls 110-125 lb. 65.00-74.00; 90-105 lb. 55.00-61.50.

SLAUGHTER CALVES: Choice 285-450 lb. 58.00-64.00; Good 285-400 lb. 50.00-56.00.

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Hog Prices

Lancaster Market

Monday, Sept. 17
Barrows and gilts 1.00-2.00 lower; sows scarce.
BARROWS AND GILTS: US 1 200-240 lb. 47.50-48.00 couple lots early 48.50; US 1-2 200-240 lb. 46.75-47.50; US 2-3 190-255 lb. 46.00-46.50.

Vintage Auction

Saturday, Sept. 15
HOGS 680, compared with last Saturday's market.
Barrows and Gilts: Mostly \$3.50 higher.
US No. 1-2 200-235 lbs. 47.85-48.50, lot 48.85; US No. 1-3 195-235 lbs. 47.35-47.85; US No. 2-3 190-240 lbs. 46.85-47.50; Few US No. 2-4 250-255 lbs. 46.00; US No. 2-4 120-180 lbs. 41.00-46.50
Sows: US No. 1-3 355-505 lbs. 41.50-43.75 Few Boars: 39.00-41.75

Wednesday, Sept. 19
HOGS 350, compared with last Wednesday's market.
Barrows and Gilts: Mostly \$1 lower.

US No. 1-2 200-235 lbs. 46.50-47.50; US No. 1-3 200-250 lbs. 45.00-46.00
Sows: US No. 1-3 300-550 lbs. 40.25-41.75
Boars: 40.00-41.00

Lancaster Auction

Wednesday, Sept. 19
Barrows and gilts steady to weak.
BARROWS AND GILTS: US 1 220-230 lb. 47.75-48.00; US 1-2 200-240 lb. 46.50-46.60; US 2-3 200-240 lb. 46.00-46.50; US 3-4 240-260 lb. 45.50-46.00.

St. Louis Auction

HOGS 5500.
Barrows and gilts 25 to mostly 50 lower.
US 1-3 200-250 lb. 44.00-44.25; around 300 head 44.50

New Holland Auction

Monday, Sept. 17
HOGS 996, compared with last Monday's market.
Barrows and Gilts: Strong to \$2 lower.

US No. 1-2 200-230 lbs. 46.50-47.50; US No. 1-3 200-230 lbs. 45.50-46.25; US No. 2-3 240-260 lbs. 45.50-46.00; US No. 2-4 180-200 lbs. 44.00-46.00
Sows US No. 1-3 300-575 lbs. 38.00-42.00
Boars: 38.00-41.00

Peoria Auction

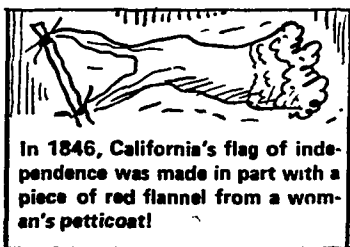
HOGS 4000
Barrows and gilts mostly 2.00 lower.
US 1-2 200-240 lb. 43.00-43.50; US 1-3 200-260 lb. 42.50-43.00

Indianapolis Auction

Hogs 1500.
Barrows and gilts 1.00-150 lower.
US 1-2 200-230 lb. 44.00-44.25. 32 head 44.50; US 1-3 195-240 lb. 43.50-44.00

Lebanon Valley Auction

Tuesday, September 18
444 Head of Hogs
Barrows and gilts \$1 higher.
U.S. 1-3 200 - 240 46.35 - 46.75; 2-3 220 - 250 46.10 - 46.50; 2-4 145 - 175 38.75 - 43.00.
Sows: U.S. 1-3 350 - 500 pounds 43.00 - 44.75.
Boars: Couple at 38.00.
35 Head of Feeder Pigs
U.S. 1-3 20 - 35 pounds 15.00 - 21.00 per head.



Lebanon Valley Auction

Tuesday, September 18
412 Head of Cattle

Compared with last weeks market, slaughter steers \$3 to \$4 lower. Slaughter cows mostly steady to \$1.75 lower.

STEERS: Choice 1000 - 1300 pound slaughter steers 45.00 - 48.00; Good 44.50 - 46.00; Standard 43.25 - 45.00; Utility 40.25 - 43.00.

HEIFERS: Good and Choice (few) 44.00 - 46.50.

COWS: Utility and High Dressing Cutter 37.75 - 40.00; Cutters 35.75 - 37.85; Canners 33.50 - 36.50; Shells down to 29.00.

BULLOCKS: Good (few) bullocks 46.75 - 49.75; Standard (few) 44.75 - 46.75; Utility 42.60 - 44.60.

BULLS: Yield Grade 1-2 1000 - 1400 pounds (few) 42.00 - 46.10, individual at 51.60.

249 Head of Veal Calves
Prime (individual) at 74.50; Choice (few) 68.50 - 72.50; Good (few) 67.00 - 70.00; Standard (few) 60.00 - 64.00; Utility 90 - 120 pounds 51.00 - 57.00; 70 - 85 45.00 - 50.00.

FARM CALVES: Holstein Bulls 70 - 85 pounds 52.00 - 59.00; 90 - 130 pounds 58.00 - 72.00; Holstein Heifers 90 - 130 73.00 - 85.00.

17 Head of Sheep
Choice (few) 85 - 110 pound spring slaughter lambs 33.00 - 35.00.

Omaha Cattle

Thursday, September 20
Compared with last week's close: closing prices slaughter steers 4.50-5.50 lower, some 1250-1350 pounds grade 4-5 6.00-7.00 off. Heifers closed 6.00-7.00 lower. Cows were 4.00-5.00 lower and bulls 2.00-3.00 lower. Small supply yearling feeders steady early with fleshy two-way steers closing 3.00-4.00 lower.

Four day receipts 19,500 as compared 13,600 previous week and 17,600 a year ago. Slaughter steers approximately 36 percent. Heifers 37 percent cows 12 percent and feeders 11 percent. Large percentage Choice steers and heifers with considerable volume high-Choice and Prime with average weight of steers for three days at 1146 pounds heaviest since last week of December 1972. Most severe price break in recent memory enforced on slaughter steers and heifers as prices plunged downward in reflection of increased marketings, which included many heavier weight cattle, and a rapidly declining carcass trade. Late, trading particularly dull as most interests had accumulated adequate inventories for immediate requirements are were not interested in acquiring large numbers in view of factors with best steers demand for available supply 1000-1150 pounds grade 2-3.

STEERS: Moderate volume high-Choice and Prime 1048-1198 pounds 3-4 47.00-47.50 on opening session. At midweek, same grade 1043-1255 44.50-45.00 and four loads 1317 pounds 4-5 42.00. On Thursday, high-Choice and Prime 1100-1150 3-4 43.75-44.00. Choice 1000-1250 2-4 42.00n Choice 1000-1250 2-4 42.00-43.50. Mixed Good and Choice 975-1200 41 00-42.00. Good 39.00-41.00. Standard and low-Good 37.50-39.00

Average cost slaughter steers for three days 45.10 average weight 1146 pounds as compared '8.11 and 1117 pounds previous week and 34.76 and 1111 pounds a year ago.

HEIFERS: High-Choice and Prime 887-1127 pounds 3-5 46.00-46 50 early Closing sales high-Choice and Prime 950-1025 3-4 41 00-41.75. Choice 900-1100 3-5 39 50-41 00. Mixed Good and

Futures Trading

(Closing bids as of Thursday, September 20th)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
October	40.82	39.25		61.50
November			5.53	61.45
December	42.40	41.12		60.40
January '74				55.25
February	45.55	42.72		53.90
March			6.85	53.25
April	46.05	41.60	7.20	51.00
May			8.13	
June	46.12	42.00		
July		41.90		
August	45.67	41.40		
October	45.30	40.00		

Trend — Cattle are Lower, Hogs are Lower, Potatoes are Higher and Eggs are Mixed.

a-asked b-bid n-normal
Markets provided by Commodity Dept., Reynolds Securities, Inc.

Peoria Cattle

Thursday, September 20
Receipts This Week 5100, Compared to Last Week 3400, and to Last Year 43.

Compared with last weeks close, slaughter steers 3.00-6.00, instances 7.50 lower on weights over 1200 pounds. Slaughter heifers 2.00-5.00 lower. Cows 1.00-3.00 lower. Bulls weak to 2.00 lower. Supply about 70 percent slaughter steers, 20 percent slaughter heifers and the balance mostly cows. Steer supply mostly choice 1050-1150 pounds with about 20 loads weighing 1250-1450 pounds: heifer supply mostly choice 800-900 pounds.

SLAUGHTER STEERS: Five loads Choice and Prime 1300-1340 pounds 3-4, 45.00-45.75, late load 1250 pounds 42.50. Choice and Prime 1300-1450 4-5 Tuesday, 43.00-43.50; closing 37.50-40.00. Choice 900-1200 2-4, 44.50-48.00; closing 44.50-46.50 with package

Choice 850-1000 39.00-40.00. Standard and low-Good 37.50-39.00.

COWS: Utility and Commerical 32.50-34.00, Canner and Cutter 29.50-32.50, mixed Cutter and low-Utility 32.75-33.00. Shelly Canner 27.50-29.00.

BULLS: Yield grade 1-2 1400-2000 pounds 40.00-43.00, few yield grade 1 44.00-45.00.

FEEDERS: Prices on feeder yearlings steady early; however, late sales fleshy two-way steers 3.00-4.00 lower. Outshipments of 1800 head compared 500 previous week.

STEERS: Three loads Choice and Prime 480-520 pounds 63.50, loads 705 pounds 62.00 and load Choice 675 pounds 52.00. Five load Choice 859-1031 46.75-47.25 early, high-Good and Choice 931-1069 45.25-46.50. Two loads Choice 967 pounds 43.50 late. Two loads low-Good 1050-1075 Holsteins 43.35 early.

HEIFERS: Three loads Choice and Prime 540-652 pounds 57.50-60.00. Load Choice 506 pounds 55.00, small lots mixed Good and Choice 776-887 42.50-44.50.

Monday 49.00. Mixed Good and Choice 900-1300 43.50-45.00. Good 42.50-43.50. Standard and Good Holsteins late 42.25-42.50

SLAUGHTER HEIFERS: Load Choice and Prime early, 1025 pounds 3-5, 45.25; late, couple loads Choice and Prime 950-1050 4-5, 43.00-43.50. Choice 800-1100 2-4, 43.50-45.00. Load Monday 950 pounds 3-4, 46.50 and couple loads 46.00. Mixed Good and Choice 800-1050 42.50-43.50. Good 41.00-42.50.

COWS: Utility and Commercial 33.00-36.00, mostly 33.00-35.50. Cutter 32.00-34.00. Canner 30.00-32.00.

BULLS: Yield Grade 1-2, 1100-1700 pounds 40.00-46.00. Closing 40.00-44.00; few early 47.00.

Oklahoma City

Thursday, September 20
Estimated Receipts 11,200
Same Day Last Week 5,732
Same Day Last Year 9,733
Slow, feeder cattle and calves now 1.00-3.00 lower; all weights and grades sharing in the decline: fairly large attendance buyers; majority receipts Good and Choice 300-850 pound steers and 300-650 pound heifers.

FEEDER STEERS: Choice 300-400 pound 64.75-68.00, part load 325 pound at 74.00; part load 296 pound at 79.00; 400-500 61.75-65.75, part load 433 pound at 69.30; 500-600 57.00-59.50, part load 505 pound at 61.40; 600-700 53.00-56.20; 700-800 49.25-50.10, part load 803 pound 52.40 early in the morning; mixed Good and Choice 338-500 56.00-60.00; 51.75-57.75; 500-700 45.75-52.00; 700-800 45.50-49.00.

FEEDER HEIFERS: Choice 300-370 pound 55.00-57.75, two part loads 265-285 60.25-62.50; 400-500 51.50-56.10; 500-600 48.75-51.55; 600-650 45.75-48.70; mixed Good and Choice 300-500 47.00-53.75; 500-660 43.25-48.25; Good 473-640 41.00-45.25

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection	CATTLE	HOGS	SHEEP
Week-to-date	490,000	1,269,000	162,000
Same Period Last Week	476,000	975,000	153,000
Same Period Last Year	507,000	1,271,000	171,000

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Poultry Market Reports

Fogelsville

September 18, 1973

(Prices paid dock weights cents per lb.)

Hens, light type 12-20; Hens, heavy type 18-37, mostly 20-25, Pullets 19-52, mostly 48½-50, Roasters 48-49½, Ducks 21-50, Geese 45-51; Rabbits 42-57, mostly 50-55; Pigeons (per pr.) 70-3.00.

Total coops sold 394

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m.

Directions — Take Rt. 22 thruway. Exit at Fogelsville Exit. North on stoplight in Fogelsville. Turn left, proceed 1 mile.

Delmarva

Wednesday, Sept. 19
Broiler-Fryer Market

Ready to cook movement very slow with freely offered product failing to stimulate interest. Slaughter schedules reduced in some quarters while maintained in others in an effort to clear heavy weights in the field. Less than trucklot prices sharply lower on both plant and US Grade A. Live supplies burdensome. Undertone very weak and unsettled.

Pool trucklot prices for Thursday arrival - US Grade A 46-51; Plant Grade 45-49.

New York Dressed Meats

Thursday, September 20

Daily Distributive-less than carlot meat trade -

Compared with Wednesday: Steer and heifer carcass prices carried on a nominal steady quotation. Small stock classes weak; fresh pork cuts unchanged.

Sales of carcass beef as such nil while primal cuts quoted lower throughout and local wholesalers fighting lower trend to avert dollar losses this week. Lamb chucks under pressure again this week and open for bids. Supplies moderate to small in all divisions

Steer Beef

Choice 600 - 700 pounds 75.50 - 77.00, 700 - 800 75.00 - 77.00, 800 - 900 72.00 - 74.00; Good 500 - 800 74.00 - 76.00

Heifer Beef

Choice 500 - 700 pounds 75.00 - 77.00

Veal (Skin Off)

Choice 90 - 150 pounds 122.00 -

Egg Market

Wednesday, Sept. 19
Philadelphia Eggs

Prices unchanged. Cartoning demand fairly good on large and extra large; light to good on mediums where features a factor. Offerings of mediums ample while large and extra large adequate to barely adequate. Undertone steady

Prices to Retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: store door A Extra Large 76-77½, A Large 75-76½; A Medium 66-67½.

Wednesday, Sept. 19
Baltimore Eggs

Prices unchanged. Movement thru retail outlets fair. Supplies of jumbo and extra large short while large and medium ample.

Cartoned Eggs: Prices to retailers, state graded (min. one case sale) white Grade A Large 76-84, mostly 77-79; Grade A Medium 69-76, mostly 70.

Eastern Pa. and N. J.

Wednesday, Sept. 19
Live Poultry

Prices unchanged to lower on light type hens. Demand fair but less aggressive than past several weeks. Offerings adequate to fully adequate for current needs. Offerings of heavy type hens adequate for improved interest.

Prices paid at farm: Light type hens 18-23, mostly 21-23 in Pa., mostly 21-23 in N. J.

Heavy type hens TFEWR.

125 00; Good 60 - 90 118.00 - 122 00; Standard 60 - 120 100.00 - 110.00.

Lamb

Choice and Prime: 30 - 55 pounds 70.00 - 73.00; 55 - 65 69.00 - 71.00.

Choice Beef Cuts

Hinds (Steer) 145 - 190 85.00 - 87.00; Arm Chucks 90 - 105 64.00 - 67.00; Ribs (7-rib) 34 - 40 87.00 - 89.00; Loins (Trmd) 50 - 70 108.00 - 112.00; Rounds (Steer) 70 - 95 85.00 - 87.00; Full Plates 58.00 - 59.00, Hinds (Heifer) 120 - 170 82.00 - 85.00.

Fresh Pork Cuts

Loins (Regular) 8 - 14 pounds 88.00 - 91.00, 14 - 17 86.00 - 90.00; Picnics (Regular) 4-8 64.00 - 67.00, Boston Butts 4-8 80.00 - 84.00; Spareribs 3 pounds down 83.00 - 85.00, Hams (Skinned) 14 - 17 77.00 - 79.00, 17 - 20 75.00 - 77.00.

Weekly New York Egg Market

From Monday, Sept. 17th to Friday, Sept. 21st

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	74	74	74	73	73
Large	71	71	71	69	69
Mediums	63	63	63	62	62
Pullets	53	51	51	46	46
Peewees	38	38	38	35	35
BROWN					
Fcy Large	73	73	73	73	72
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade Large	64	64	64	62	62
Checks	50	50	50	49	49
Long Tone — Irregular.					

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New England Weekly Shell Egg Report

Tuesday, September 18

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	80-86	78-84	68-74	48-56
Mostly	81-84	79-82	69-72	49-52
NEW HAMP.	79-86	77-84	67-74	47-54
Mostly	81-82	79-80	69-70	49-50
R. I.	83-84	81-82	71-72	53-54
VERMONT	89-90	85-88	79-85	TOO FEW
MAINE	85-87	83-85	73-75	53-55

+Includes central & western sections only.

Special Feeder Sales

Monterey, VA
Tuesday, September 18

988 Head Sold
Steers

Choice and Fancy: 550 - 650 pounds 55.00 - 60.25; 700 - 800 55.00 - 56.25; 805 - 900 51.50 - 54.25.

Good: 500 - 650 pounds 54.00 - 58.25; 650 - 800 53.00 - 54.00; 805 900 52.25 - 53.75.

Medium: 500 - 650 pounds 49.75 - 51.75, 700 - 850 45.00 - 48.00.
Short: 600 - 700 pounds 50.50 -



New Holland Dairy Cattle

Wednesday, September 19

Reported receipts of 164 cows, 15 heifers; market steady with last week's market.

Load Susquehanna County cows, fresh, 660 - 940; springers, 650 - 1000.

Load New York State cows, fresh, 530 - 775; springers 805 - 880.

Load Vermont cows, fresh, 615 - 770.

Delaware Herd Dispersal, 25 head, all stages of production, 430 - 850.

Chester County Herd Dispersal, 20 head, all stages of production, 360 - 775.

Virginia Herd Dispersal, 35 head, all stages of production, 410 - 1000.

Franklin County Herd Dispersal, 20 head, all stages of production, 325 - 600.

Locally consigned cows, 325 - 840.

Springing heifers, 595 - 740.

Lancaster Farming

P.O. Box 266 - Lititz, Pa. 17543
Office: 22 E. Main St., Lititz, Pa. 17543

Record-Express Office Bldg
Phone: Lancaster 717-394-3047
or Lititz 717-626-2191

Richard E. Wanner, Editor
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Special Feeder Calf Sales

Galax, VA
Friday, September 14
263 Head Sold

Heifers

Good and Choice 500 - 700 pounds 49.60 - 51.00; 700 - 800 48.00 - 49.00.
Medium: 500 - 700 pounds 45.90 - 48.90; 700 - 800 41.00 - 43.00.
Common: 500 - 700 pounds 35.00 - 43.00.

Ewing, VA
Tuesday, September 18
607 Head Sold

Steers

Choice: Under 500 pounds 63.00; 500 - 600 57.00 - 59.00; 600 - 700 55.00 - 57.00; 700 - 800 53.50; 800 - 900 50.50 - 50.75; 900 - 1000 49.50; over 1000 46.00.
Good: Under 500 pounds 60.00 - 66.00; 500 - 600 55.50 - 59.00; 600 - 700 52.00 - 53.75; 700 - 800 50.00; 800 - 900 48.25; 900 - 1000 47.25 - 48.50.
Medium: Under 500 pounds 58.75 - 63.75; 500 - 600 54.00 - 59.75; 600 - 700 50.00 - 54.00; 700 - 800 48.00 - 50.00; 800 - 900 45.75.
Common: Under 500 pounds 57.00; 500 - 600 52.75 - 58.25; 600 - 700 46.75 - 53.25; 700 - 800 44.25 - 46.25; 800 - 900 42.00 - 43.25.

Abingdon, VA
Tuesday, September 18
999 Head Sold

Steers

Choice: 500 - 700 pounds 56.50 - 57.50; 700 - 800 53.40 - 55.10; 800 - 1000 46.80 - 52.10.
Good: 500 - 700 pounds 55.00 - 58.25; 700 - 800 50.25 - 53.00; 800 - 1000 45.00 - 50.25.
Medium: 500 - 700 pounds 51.50 - 55.70; 700 - 800 48.00 - 49.50; 800 - 1000 43.00 - 45.00.
Common: 500 - 700 pounds 45.00 - 53.75; 700 - 800 44.90; 800 - 1000 40.00 - 44.20.

Harrisonburg, VA
Tuesday, September 18
688 Head Sold

Steers

Choice and Fancy: 575 - 700 pounds 59.25 - 62.25; 705 - 800 55.00 - 58.75; 805 - 950 46.50 - 53.50; 1000 - 1050 44.25 - 45.50.
Good: 550 - 700 pounds 56.00 - 63.50; 750 - 850 49.00 - 56.00; 855 - 1050 46.00 - 48.00.
Medium: 500 - 700 pounds 50.00 - 59.00.
Short: 575 - 800 pounds 48.50 - 54.00.

+++

Twice Elected

The only Republican presidential and vice-presidential team to have been elected twice consisted of Dwight D. Eisenhower and Richard Nixon.

Manna?

Cup moss, a lichen, is a staple food of the natives of the Middle East and may have been the manna mentioned in the Bible.

Ephrata Fair Schedule

Tuesday, September 25
5:30 p.m. - Adult Tractor Driving Contest
8 p.m. - Pig Chase

Wednesday, September 26
10 a.m. - Poultry Judging
2 p.m. - Cloister FFA Tractor Driving Contest
4:30 p.m. - Sheep Show Judging
7 p.m. - Parade

Thursday, September 27
4:30 p.m. - Swine Show Judging
7:30 p.m. - FFA and 4-H Baby Beef Judging

Friday, September 28
7 p.m. - Cow Milking Contest
7:30 p.m. - Junior Dairy Cattle Show Judging

Saturday, September 29
9:30 a.m. - Hog Sale
10 a.m. - Area FFA Tractor Driving Contest
2 p.m. - Baby Parade
8 p.m. - Miss Lancaster County Scholarship Pageant

Lampeter Fair Schedule

Wednesday, September 26
1 p.m. - Swine Show
1 p.m. - Judging of Exhibits
5:30 p.m. - Pet Show
7 p.m. - Baby Beef Show
8:30 p.m. - Little Pig Race
8:45 p.m. - Lawn and Garden Tractor Games

Thursday, September 27
1 p.m. - Judging Dairy Cattle Exhibits
6:30 p.m. - Baby Parade (Rain Date, 10 a.m. Friday)
7:30 p.m. - Talent Contest
8:30 p.m. - Queen Contest
9:15 p.m. - Livestock Parade

Friday, September 28
2 p.m. - All Western Horse Show
6:30 p.m. - Calf Roping Contest
7 p.m. - All Western Horse Show
8 p.m. - FFA Fat Hog Consignment Sale

Lancaster Farming, Saturday, September 22, 1973—5

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Don't assume we know about your farm organization's meeting. To get your meeting on our Farm Calendar, it's safer to assume we don't know.

Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543. You'll be helping us to serve you better.

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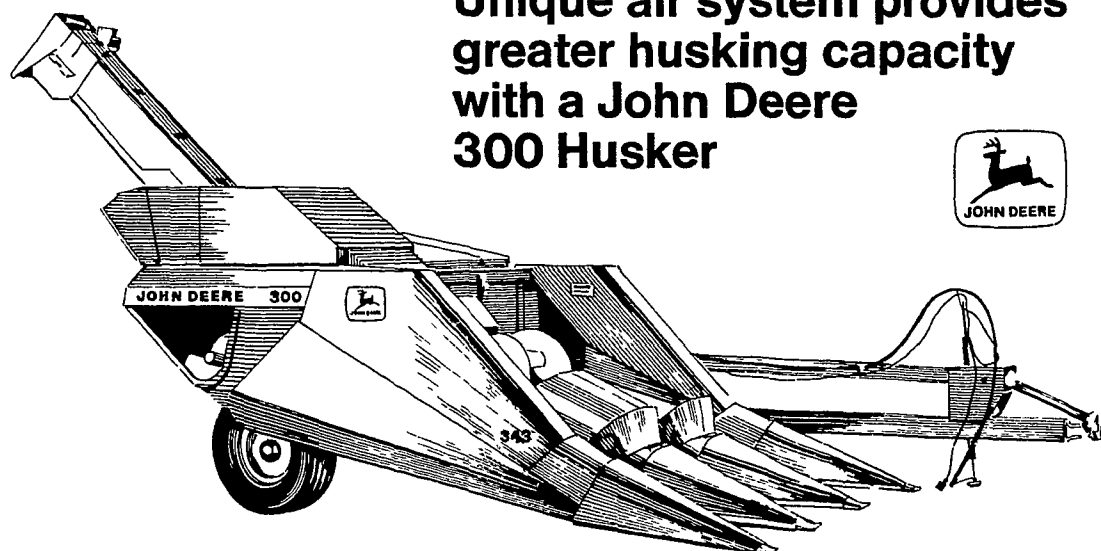


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SEPT. 24-30, 1973

Brooks are real high, well's never dry.

Sow fall grass seed now . . . Dan'l Boone headed west this week in 1773 . . . New Moon Sept. 26 . . . Rosh Hashanah Sept. 27 . . . Average length of days for week, 12 hours (night equals day) . . . If you see many acorns now, there will be much snow later . . . Little Rock crises Sept. 29, 1957 . . . No more flogging in U.S. Navy 1850 . . . Babe Ruth's 60th home run Sept. 30, 1927 . . . Two sparrows on the same ear of corn are not long friends.



Ask the Old Farmer: How did the old-timers keep a fire all night in a fireplace? I can't do it. F. C., Troy, N.Y.

First of all, they had a big fireplace. And kept it half full of ashes. They dug the ashes out of the back, and laid the back-log on the bricks, behind the andirons. Then they backed the andirons up to it, laid their fire and touched her off. The back-log, half buried in ashes, wouldn't flame much except on top, and usually burnt slowly until morning.

Home Hints: Keep tin cans in the middle of a fireplace to absorb heat and radiate more warmth . . . Lubricate the points of nails with water or grease before driving them into hard wood.

OLD FARMER'S WEATHER FORECASTS

New England: Sporadic light rain all week; warm temperatures at first, then cooler latter part.

Greater New York-New Jersey: Week begins clear and very warm, then rain; cloudy and cooler latter part, then rain.

Middle Atlantic Coastal: Most of week cloudy and cool; intermittent showers latter part.

Southeast Coastal-Piedmont: Cool to start, then rain by midweek; rain continuing off and on all week.

Florida: Week begins clear and hot, then rain; rain continuing to end of week.

Upstate & Western New York-Toronto & Montreal: Rain and cool to start, then partial clearing; rain again latter part.

Greater Ohio Valley: Cloudy and cool at first, then rain; partial clearing and cooler end of week, then showers.

Deep South: Week begins clear and hot, then rain; remainder of week clear and cooler.

Chicago and Southern Great Lakes: Rain through midweek, then fair through latter part; rain on weekend.

Northern Great Plains-Great Lakes: Light rain first part of week, then partial clearing to end of week.

Central Great Plains: Rain to start, then clearing by midweek; end of week clear and warm.

Texas-Oklahoma: Rain at first, then clear and hot; cooling rain latter part.

Rocky Mountain Region: Warm and cloudy through midweek, then partial clearing and very warm to end of week.

Southwest Desert: First part of week partly cloudy and hot; end of week rainy and cooler.

Pacific Northwest: Most of week clear and hot; cooling off by end of week.

California: Overcast and warm most of week; scattered showers and cooler on weekend.

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Pa. Auction Summary

Weekly Summary

14 Livestock Markets
Week Ending September 7

CATTLE 4131, compared with 5103 head last week, and 6833 head a year ago. Compared with last week's market, slaughter steers weak to \$2 lower. Slaughter cows 75 cents to \$1.50 higher.

STEERS: Few High Choice and Prime 51.35-55.50, Choice 50.50-54.75, Good 47.00-53.00, Standard 43.75-50.00, Utility 41.00-43.25.

HEIFERS: Few Choice 52.25-54.25, few Good 47.50-52.00, few Standard 47.00-47.25, few Utility 40.50-43.00.

COWS: Utility and High Dressing Cutter 36.00-39.75, Cutters 34.00-37.25, Canners 31.50-35.50, Shells down to 27.00.

BULLOCKS: Choice 47.50-50.75, Good 45.75-49.00, Standard 44.75-46.75, Utility 41.00-43.00.

BULLS: Yield Grade 1-2 900-1350 pounds 41.50-47.50, 1350-2000 pounds 45.00-49.50.

CALVES 2990, compared with 3977 head last week, and 4705 head a year ago. Vealers uneven, spots \$2 higher.

VEALERS: Prime 71.00-77.50, Choice 68.00-75.00, Good 65.00-72.00, Standard 60.00-65.00, Utility 90-120 pounds 54.00-61.00, 70-85 pounds 44.00-56.00.

FARM CALVES: Holstein Bulls 90-130 pounds 60.00-85.00; Holstein Heifers 85-145 pounds 65.00-93.00.

HOGS 3840, compared with 5050 head last week, and 5813 head a year ago. Barrows and Gilts: Prices fell throughout the week \$6 to \$9 lower.

BARROWS AND GILTS: Few US 1-2 200-240 pounds 45.50-48.50, 1-3 195-245 41.50-49.85, 2-3 185-260 41.00-45.50, 2-4 120-185 37.50-44.00. **SOWS:** US 1-3 300-600 pounds 37.00-44.75. Boars 34.00-40.50.

FEEDER PIGS 772, compared with 1092 head last week, and 979 head a year ago. US 1-3 20-35 pound feeder pigs 14.50-23.00 per head, 1-3 35-50 21.00-25.00, 1-3 50-75 25.00-33.00 per head.

SHEEP 684, compared with 1442 head last week, and 1175 head a year ago. Spring slaughter lambs \$1.50 to \$2 lower. Choice 70-100 pound spring slaughter lambs 32.00-38.00, Good 65-100 29.50-34.00, Utility 50-75 23.00-28.00. Slaughter ewes 9.00-17.50.

Lebanon Co. FFA Meets

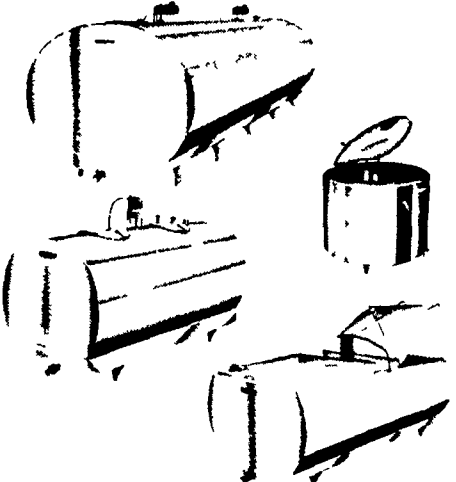
The Lebanon County Future Farmers of America Chapter met Tuesday evening at the Lebanon County Vo-Tech School. Two advisors and eight members were present.

David Shuman, president, presided. The Chapter voted to eliminate dues for the 1973-74 year. Projects were discussed for the coming year. Advisors present were Donald Snively and Lowell Morton, county advisor.

Dubious Honor

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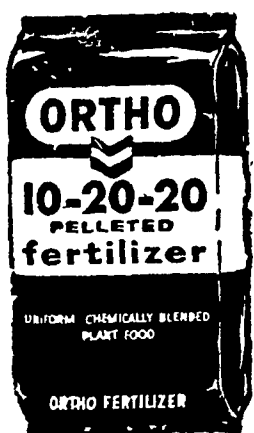
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MCMP Members Aug. Base Milk

Dairy farmer members of the Maryland Cooperative Milk Producers, Inc. will receive \$8.10 for base milk and \$6.69 for milk in excess of base delivered in August, 24 cents per hundred above the announced Federal Order number 4 prices.

The record high Federal Order number 4 price for milk containing 3.5 percent butterfat, coupled with the 24 cent addition to the Order level, seeks to halt

the trend away from milk production.

The August price boost comes at a time when projections indicate the 1973 decline in national milk production to be the second largest in 25 years and at a time when fluid milk sales are solidly on the increase.

The base price applies to milk marketed under individual producer bases established during the period August through December, 1972. Present milk

production counts toward 1974 base determinations.

The 24 cent premium for MCMP members was negotiated by the Cooperative with local dairies in a move to insure adequate milk supplies in the market.

MCMP Business Manager R. L. Strock announced the price premium September 13 following the monthly announcement of the Federal Order price. "We negotiated the higher price to increase returns to our members and seek to halt the ever increasing number of dairymen selling their herds because they can no longer make ends meet."

"During the first eight months of 1973 approximately 70 farms or seven percent of our membership have discontinued milk production. While in many cases these herds were small there were larger ones as well as reflected in a 5 percent drop in total production at a time when fluid milk (Class I) sales are increasing."

"We will continue to see further increases in producer pay prices in response to further strengthening in dairy product prices. It is expected that the price for base milk will move above the \$9 figure for October milk deliveries and hold above the \$9 level at least through the end of the first quarter of 1974 if the current strong demand for fluid milk continues."

Lancaster Farming, Saturday, September 22, 1973—7

Alfalfa As Cheap Protein Source Seen Possible

The first pilot plant operation that produces a bland, white edible protein concentrate from fresh, green alfalfa juice is now in an advanced stage of development by the U.S. Department of Agriculture (USDA).

This protein, developed by a research team headed by Dr. George O. Kohler and E. M. Bickoff, has many potential uses for feeding the world's poor. It can be used to step up the protein content of such foods as breads, pastas, soups, stews, gravies, ground meats, milk substitutes and other preprocessed foods.

Most of the world's protein exists in green leaves. However, a major portion of this protein is not consumed directly by humans because of its high fiber content and bitter taste.

The Maryland Cooperative Milk Producers, Inc. numbers approximately 950 farms throughout Maryland and into adjacent areas of Pennsylvania, Virginia and West Virginia. Founded in 1918 it has marketed milk for dairymen to dairies throughout the milkshed.

The alfalfa juice could come as a byproduct of the alfalfa dehydration industry. Additional juice sources could come from alfalfa squeezing operations before ensiling, before feeding as green chop feed to cattle and while crushing or crimping alfalfa prior to hay drying.

The PRO-XAN I process, previously developed at Agricultural Research Service's (ARS) Western Regional Research Center, Berkeley, Calif., separates the protein and pigment from freshly squeezed alfalfa juice. The end product is dry, fiber-free and high in protein and is used in the poultry feed industry. However, protein extracted by this process is not desirable as human food because of its strong, grassy flavor and deep green color.

Recently, this ARS team, which also includes Dr. Donald de Fremery, Richard H. Edwards, Raymond E. Miller and Benny E. Knuckles, modified the PRO-XAN I process to separate the white protein from the green protein by controlled heating and centrifugation steps. The white protein is then heat precipitated, washed and dried. This process, called PRO-XAN II, produces a white powder that contains approximately 90 percent protein.

Over 100 gallons alfalfa juice per hour are now being processed at the Center's pilot plant with about 80 percent of the soluble white protein in the juice being recovered. About three pounds of the protein powder are produced per hour.

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Tomatoes are showing the biggest increase in consumption of any processed vegetable in the United States. And the reason, experts say, is all that catsup being served up by fast food stands and pizza emporiums.

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New Chester Co. Home Economist

Miss Trudy F. Dougherty was appointed Extension home economist in Chester County effective September 1.

A graduate of Notre Dame High School, Moylan, Miss Dougherty received a bachelor of science degree in fashion and textile merchandising and a master of science degree in education and design, both from Drexel University.

Prior to her present appointment and from 1965 to 1969, Miss Dougherty was chairman of the department of fine arts at Greater Egg Harbor Regional High School. From 1969 to 1972 she was an instructor and supervisor of student teachers at Glassboro State College. She was teacher at the Mill Road School from 1963 to 1965.

Miss Dougherty is councilor



Miss Trudy Dougherty

and past chairman of the Southern Counties Home Economics Association, a member of the advisory committee and vice-president for the home economics section of the New Jersey Section of the American Vocational Association. She is a member and vice-chairman of local arrangements for the American Home Economics Association. She has also traveled to Europe, Scandinavia and throughout the United States.

She is the daughter of Mr. and Mrs. Francis Dougherty, Springfield, Delaware County.

PA. Corn At Record High

Pennsylvania's corn for grain production, unchanged from last month, is forecast at a record high 84.8 million bushels, 3.5 million above the previous record 81.3 million harvested in 1970 according to the Crop Reporting Service. The 1973 forecast is well above both, the 64.8 million bushels harvested last year and 77.7 million in 1971. Average yield is forecast at 80 bushels per acre compared to 72 bushels last year and the record yield of 89 bushels in 1970.

The Commonwealth's spring oats forecast is down from last month and is expected to total 17,625,000 bushels, six percent above last year. The soybean crop - unchanged from the previous month is expected to total 1.6 million bushels, 58 percent above last year and 75 percent above 1971. Yield is forecast at 29 bushels per acre, four bushels above last year but the same as the 1971 yield.

Nationally, corn production is forecast at 5.8 billion bushels, four percent above last year. The nation's spring oats crop is forecast at 702 million bushels, up 1 percent and soybeans at 1.6 billion bushels is up 25 percent from 1972.

Pennsylvania's seedleaf tobacco production is down from last month's forecast and is expected to total 23.8 million pounds, 31 percent above last year's small crop but three percent below 1971. Average yield is forecast at 1,700 pounds per acre compared with 1,400 pounds last year and 1,610 pounds per acre in 1971.

Old Capital
Santa Fe, capital of New Mexico, is the oldest seat of government in the United States. Its settlement by Europeans dates from about 1610.

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Frozen Dessert Industry Over 1.2 Billion Gallons

Annual production of ice cream and other frozen desserts in the United States exceed 1.2 billion gallons. Aligned end to end, half-gallon cartons from this production would reach beyond the moon, says Dr. Philip G. Keeney, professor of food science

at The Pennsylvania State University.

Such volume requires almost 10 per cent of the entire U.S. milk supply and huge quantities of other products of American and foreign agriculture, Dr. Keeney states in circular 553 of the Cooperative Extension Service at Penn State, "Commercial Ice Cream and Other Frozen Desserts."

Each year the frozen dessert industry uses over 600 million pounds of cane and beet sugar, 350 million pounds of corn sweetener, 135 million pounds of various fruits, citrus products, and nuts; and 45 million pounds of vanilla beans and chocolate-based products. Even stabilizers and emulsifiers, used to improve texture and making up only 0.3 per cent of the weight of a typical frozen dessert, consumer over 16 million pounds.

More ice cream is manufactured in Pennsylvania than in any other state, Dr. Keeney points out. The Commonwealth is the regional center for the industry

with much of the production distributed in neighboring states and beyond. Annual U.S. consumption of frozen desserts is 23 quarts per person.

In the past 30 years the market has changed for mixes making up the frozen dessert industry. Ice cream's share has decreased from 90 to 63 per cent, replaced primarily by ice milk products with lower fat content. "Soft serve" was almost nonexistent 30 years ago. Today it accounts for 17 per cent of the national total sales.

While the one-half gallon carton is the dominant package, novelty items are increasing. These feature individual servings such as stick confections, sundae cups, and extruded slices and sandwiches. While large companies dominate the wholesale market, many small firms prosper, Dr. Keeney observes. This is especially true for companies retailing their products through controlled outlets such as company-owned stores.

Schedule of Activities All-American Dairy Show

Monday, September 24
8 a.m. — Invitational Youth Dairy Cattle Judging Contest.
9 a.m. — Pennsylvania Junior Dairy Show.
7 p.m. — Invitational Brown Swiss Sale.

Tuesday, September 25
9 a.m. — Eastern National Brown Swiss Show.
9 a.m. — All-American Milking Shorthorn Show.
1 p.m. — Invitational Ayrshire Sale.

Wednesday, September 26
9 a.m. — All-American Ayrshire Show.
9 a.m. — All-American Guernsey Show.
7 p.m. — Dairy Show Recognition Banquet and Pennsylvania Dairy Princess Coronation.

Thursday, September 27
9 a.m. — PAA Jersey Show.
9 a.m. — Eastern National

Holstein Show, through dry cow classes,
6 p.m. — Invitational Holstein Sale.

Friday, September 28
9 a.m. — Eastern National Holstein Show, milking and group classes

+++
Elected by House
The first time the House of Representatives elected a president as a result of a tie in the Electoral College was in 1800. The House, on the 36th ballot, elected Thomas Jefferson president and the second choice, Aaron Burr, became vice-president.

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CS-10P	12-2022	46"	12"	61"	—	40 lbs.

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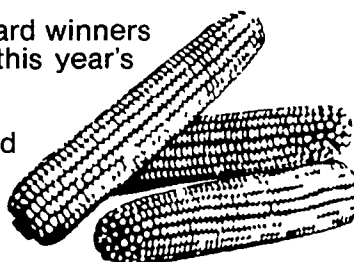
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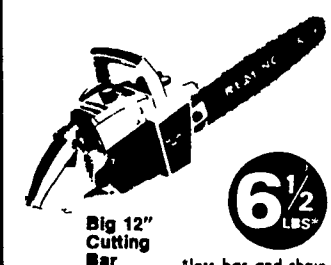
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The Coming of Autumn

September 22 marks the beginning of that crisp, invigorating Autumn Season when the lazy days of summer must give way to school, football, the carving of jack-o-lanterns and, for lawn-owners, the inevitable raking of leaves. Soon, swarms of little ones will be splashing through mudpuddles and chortling over newly-found treasures such as a bird's nest or a leaf that crackles like a potato chip when it is crushed. As we watch the innocence of childhood in action, we should try to regain

some of the inquisitiveness and wonder which we felt when we were young. We must never be so busy that we cannot take the time to enjoy the simple things in life, such as a colorful sunset or the beauties of a hillside dressed in the brilliant finery of autumn leaves.

So, as we prepare for the faster tempo of this new season, let's keep a receptive and appreciative eye out for the beauties of God's handiwork all around us.

Medical Scouts

The American Medical Association and the Boy Scouts of America would seem to have little in common beyond bandaging an occasional cut or scratch. But just as the AMA has always worked to interest young people in medical careers, so have the Scouts continued to prepare youth for the future. Now, one of the goals of the Scouts' Exploring Division is to promote medical and allied health careers, and part of this program is being funded by a three-year grant from the AMA.

The AMA-Scout program is much more than simply a class in first aid. Its purpose is to show young people how the medical profession works and to involve them in its various programs. For example, the members of El Paso Medical Explorer Post No. 1, which is sponsored by the El Paso, Texas, County Medical Society, meet twice a month for programs conducted by

community health professionals. They are also involved in an area Scout drug abuse program, serve as volunteers for two hospitals, attend medical society meetings and tour medical school and hospital facilities. Undoubtedly, this exposure played an important part in the decisions of four ex-Scouts to enter medical school. Another seven are college premed majors, and nine high school seniors are planning to enter a health profession.

The future of tomorrow's medicine rests with the youth of today. Through the AMA-Scout program young people are receiving the best training and orientation possible. With doctors' supervision, they are able to actively participate in medical programs. The AMA-Scout program is one more example of the medical profession doing something extra that will benefit society, both now and in the future.

Breaking the Barriers

Life is hard and demanding for the migrant agricultural worker and his family who follow the harvest, and it leaves little time for mingling with the mainstream of American society. But the Boys' Club chapter of Lodi, California has found time to bring American culture, sports and activities to over 500 Mexican American and Mexican National migrant children in an educational program which combines "love, new knowledge and fun."

Operation Mainstream, as it is called, is a cooperative effort of the local Boys' Club and the Regional Migrant Education Office. It operates five nights a week in the workers' camp and twice a week in the Club downtown. The activities are planned and supervised by a bilingual (Spanish-English) staff, and educational materials are written in both languages. Organized arts and crafts, swimming, library activities and games intrigue the youngsters from May to September. The Lodi Boys' Club Project, as one report puts it, "... made some good friends and definitely broke

barriers of misunderstanding between the migrant community and the permanent population."

Through this project an important segment of the population is becoming a participating part of American society. The sense of duty and voluntarism demonstrated here has been deeply ingrained in the character of the Boys' Clubs of America ever since their inception in 1860 and is reflected in everything they do. Whether it be through a summer work program, athletics, or a recreation-education program for migrant workers' children, Boys Clubs' projects instill qualities of self-reliance, fair play and leadership into over one million youngsters in 1,000 Clubs across the nation.

It is no wonder that the "roll call" of Boys' Clubs graduates includes many of the country's leading citizens—proving that dedication and friendly guidance at the local level will many times do more than any federal agency or law could hope to accomplish.

A Calendar of Fact and Opinion

"Things cannot always go your way. Learn to accept in silence the minor aggravations, cultivate the gift of taciturnity and consume your own smoke with an extra draught of hard work, so that those about you may not be annoyed with the dust and soot of your complaints."—Sir William Osler

xxx

CIPSCO News, a Central Illinois Public Service Company publication, notes, "When various types of people... were asked how much profit the average business makes, after taxes, on each sales dollar, the answers ranged from 21 to 36 cents. No group was even close to the facts. You see, the average profit, after taxes, is only about four cents on the dollar. Profits, however, are the key to the success of the U.S. economy. Profits create jobs, build new

plants, develop new products and finance expansion. Business needs profits... and so do its employees."

xxx

The Automobile Club of Oregon advises motorists to observe these precautions as they travel: 1. Drive "on the top of the tank" as much as possible. 2. Fill up in major population centers; avoid running low in remote areas. 3. Don't expect to find gasoline after 8 p.m. as many stations close around that hour, rather than operate till later or on a 24-hour basis as they formerly did. 4. Remember that many stations will be closed on Sundays and holidays. 5. Don't depend on one brand of gasoline as one station may be closed while across the street another brand station will be open.

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To Check Your Soil "Bank Account"

A lot of farmers are probably wondering whether or not they should fertilize their alfalfa this fall. Well, they should think about this question as they do their bank account. We all like to keep our bank account balanced, and we should do the same to our soil "bank account".

For example: How much alfalfa did you remove this year? . . . Ton tons per acre? . . . Four tons per acre?

For each ton of alfalfa you removed, you also "withdrew" about ten pounds of phosphate and fifty pounds of potash from your soil "bank account". So, if you harvested four tons per acre, you have removed forty pounds of phosphate and two hundred pounds of potash from each acre.

To keep your account balanced, you would have to apply about six hundred pounds of 0-10-30 per acre. If you don't apply these plant nutrients you'll have reduced your soil "bank account" by the amount removed.

It's very important to find out whether or not your account can afford this "withdrawal". The best way is to have a soil test performed.

To Control Cattle Grubs

Cattle grubs can cause animals to lose weight and even ruin hides. By this time of year the grubs have already made their way into the bodies of cattle. Their presence will not be noticed

until late winter when swellings appear on the back.

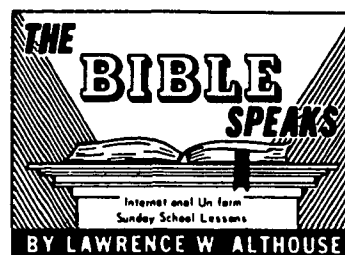
New systemic pesticides will kill the tiny migrating larvae if used in September and October. These pesticides may be poured on the animal or applied as a spray. Absorption of the pesticide material kills the migrating grub larvae; and, at the same time, it kills other blood sucking cattle pests.

To Check Bulk Feed Bins

We have a lot of bulk feed bins on our farms today. At this time of the year and through the winter months, a lot of operators are plagued with the problem of condensation and subsequent caking and mold growth. This condition can be improved by insulating outside bins.

The cold morning, warm noon temperatures and then cool nights will cause moisture to form on bulk bin walls. The feed caking on the walls would likely contain mold. This moldy feed can reduce feed consumption and this will effect production. Also, feed medications may be ineffective in the presence of molds.

It is also a good management practice to thoroughly clean bulk feed bins regularly, especially during this period of rapidly fluctuating temperatures. Insulating the bins will reduce the condensation because it reduces the rapid temperature fluctuations.



ENTRUSTED TO US

Lesson for September 17, 1973

Background Scripture 2 Corinthians 5:11 through 6:10
Devotional Reading 2 Corinthians 5:11-15

I once saw a cartoon that depicted a woman who had leaned too far out the window of the second story of her house and fallen into a trash can below. She lay there, dazed but uninjured, while a foreign visitor passed by. Noticing her, the tourist said to himself "Americans are very wasteful; that woman was good for five to ten more years!"



Rev. Althouse

The cartoon, of course is absurd, but the idea behind it is not: we are often very wasteful with human life. We are much concerned about the ecology of natural resources today — and rightly so — but we need to be even more concerned about the conservation of the most precious of all resources: human life. We waste it, squander it, and our human junk-piles are more disgraceful and unsightly than those that become the final resting place for our cars and other material goods.

Beyond the human point of view

There is a very human, natural tendency for us to spend more effort in trying to decide who are the "good" and "bad guys," than

in trying to change the "bad guys" into something else. Like many of the legalists of the Old Testament and even the scribes and Pharisees of Jesus' day, too many people would rather be involved in judgement than in redemption.

For the last six or seven years I have been involved as coach of a football project for late elementary school children. The temptation of any coach is to look upon his task as determining which boys have athletic talent and which do not. Those who do, he will try to develop and those who do not he will dismiss from the squad. I have conducted the program, however, with a different goal (of course, I have not had the pressure upon me to produce "winning teams" since we do not have that kind of competition). I have regarded it as my task to try to develop all the boys who want to play. In fact: I have determined to try to spend more time and effort on those boys who are awkward and indicate less potential athletic ability.

His appeal through us?

One of my greatest satisfactions has been to watch a boy who, initially clumsy and unpromising, in time develops some ability and proficiency. He may never play high school football, but the new confidence he gains in himself, the sense of accomplishment, obviously gives him a new lease on life.

This is the way it can be in so many areas of life. Instead of wasting human lives because we think they are spoiled or without promise, Christ calls us to be ambassadors, agents of reconciliation, to reclaim lives for God that seemed unsalvageable to those who never look upon their fellow men with anything but a "human point of view." That is the task entrusted to us.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U.S.A.)

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Another popular package is the *Modified American Plan* — with breakfasts and dinners included in the price, sometimes along with special events, attractions, tours and treats. It gives you greater

flexibility on your vacation than the American Plan while helping to hold down vacation costs.

The newest vacation plan is the *Guest Option (GO) Plan*. Like the *Modified American Plan*, the *Guest Option Plan* includes breakfast and dinner every day plus special events, attractions, tours and pleasurable treats for all ages. But—if you miss one of the meals, you receive a credit in your account which you may apply, at your option and convenience, to any other food and beverage charges. Under this plan, offered only by the nine Hilton International hotels in the Caribbean, you can use the savings for luncheon, cocktails or room service snacks any time during your stay. Many travel agents in the know about the *Guest Option Plan* for maximum value and flexibility recommend such accommodations.

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Winners Named at Solanco Fair



Overall champion honors in the baby beef contest Thursday night at the Solanco Community Fair went to this Simmental-

Angus cross owned by Bill Hershey, Quarryville RD2.

(Continued From Page 1)

Two-year-old -- Warren Schmuck, first; Leroy Sensenig, second, Four-year-old -- Warren Schmuck. Grand and Reserve Champions -- Warren Schmuck.

Brown Swiss

Junior Yearling -- Kevin Kreider. Junior Calf -- Steve Witbowski. Three-year-old -- Warren Schmuck.

Guernsey

Junior Calf -- Scott and Elsie Wolff, first, Linda Coates, second. Intermediate Calf -- Diane Crider, first; Mary Kirk, second. Senior Calf -- Scott and Elsie Wolff, first, Dave Gerhart, second

Junior Yearling -- Scott and Elsie Wolff, first; Bob and Joyce Wagner, second Senior Yearling -- Mary Kirk, first, Clark Coates, second Two-year-old -- Bob and Joyce Wagner, first; Diane Crider, second Three-year-old -- Bob and Joyce Wagner, first, Linda Coates, second. Four-years and older -- Bob and Joyce

Wagner, first; Scott and Elsie Wolff, second. Open Get -- Jon Bitler and Charles Coates, first. Junior Get -- Bob and Joyce Wagner, Diane and Rick Crider. Three Best Females -- Bob and Joyce Wagner. Dairy Herd -- Bob and Joyce Wagner. Produce of Dam -- Charles Coates. Dam-Daughter -- Bob and Joyce Wagner. Best Udder-- Bob and Joyce Wagner. Open Champ -- Bob and Joyce Wagner, also reserve Junior Champ and Reserve -- Diane Crider.

Jersey

Junior Calf -- Gary Kieffer, first, Roger Shaub, second.

Intermediate Calf -- Barbara Aaron, first, George Hough, second. Senior Calf -- Maureen Hough, first, Roger Shaub, second. Junior Yearling - George Hough, first; Roger Shaub, second Senior Yearling -- Barbara Aaron, first; Roger Shaub, second Two-year-old -- Roger Shaub, first. Glenn Hough,

(Continued on Page 13)



Diane Crider, Nottingham RD2, took both grand and reserve champion honors in the junior Guernsey competition Thursday at

the Solanco Community fair. Diane's brother, Rick, held the reserve champ, an intermediate calf, for this photo.



Curricula in Quarryville's elementary schools were expanded Thursday to include the 24th annual Solanco Community Fair. These youngsters were photographed as they tramped into the dairy tent.



Maurice Welk, Quarryville RD2, right, showed the grand champion Holstein at the Solanco Fair Dairy Show on Wednesday. James High, 2242 South View Rd., Lancaster, had the reserve champ.

Winners Named at Solanco Fair

(Continued From Page 12)
second. Three-year-old -- Ellen Schmuck, first; Roger Shaub, second. Four years and older -- George Hough, first; Paul H. Herr, second Open Get -- Roger Shaub. Junior Get -- Roger Shaub and Dave Bitler. Three Best Females -- Roger Shaub. Dairy Herd -- Roger Shaub. Produce of Dam -- George Hough. Dam-Daughter -- Roger Shaub. Best Udder -- George Hough. Open Champ -- George Hough, Ellen Schmuck, reserve. Junior Champ -- Ellen Schmuck, Barbara Aaron, reserve.

First place winners in the grain and vegetable competition were: Gary Welk, second cutting of alfalfa; Jim Bucher, clover; Dave Gerhart, clover and timothy mix; Randy Rank, wilted perennial; Jeff Glackin, corn silage; Mary Ellen DeLong, broom corn; Peggy Stottlemeyer, tobacco; Glenn Reinhart, alfalfa grass mixture; Jeff Rutt, first cutting grass; Jeff Glackin, second cutting grass; Jeff Glackin, mixed hay; Bobbi Jean Reinhart, first cutting alfalfa; Randy Rank, red clover; Beth Kreider, rye; Charles Craig, soybeans.

Also: Polly Metzler, sunflower seeds, Jeff Glackin, winter oats, Glenn Reinhart, spring oats, Randy Rank, red coat wheat; Bobbi Jean Reinhart, Pennrod winter barley, Randy Rank, Wong barley; Randy Rank, Indian corn; Charles Seiverling, popcorn; Jeff Rutt, cornstalks; Joe Metzler, sunflowers; C. Thomas Perry, corn, 30 ears; Dale Bollinger, Pioneer corn; Harold Keene, DeKalb as well as Funk G corn, John Lehan, Jr., Trojan corn, and Jim Krantz, open corn.

In Thursday's tractor driving competition, Jeff Rutt, Peach Bottom RD1 was the overall champion. Other overall winners were: Bill Waltman, Quarryville RD1, second; Bill Krantz, Quarryville RD1, third; A. Dale Herr, Kirkwood, fourth.

FFA Class -- Jeff Rutt, first; Merle Ressler, Peach Bottom, second; Bob Peiffer, Kirkwood RD1, third.

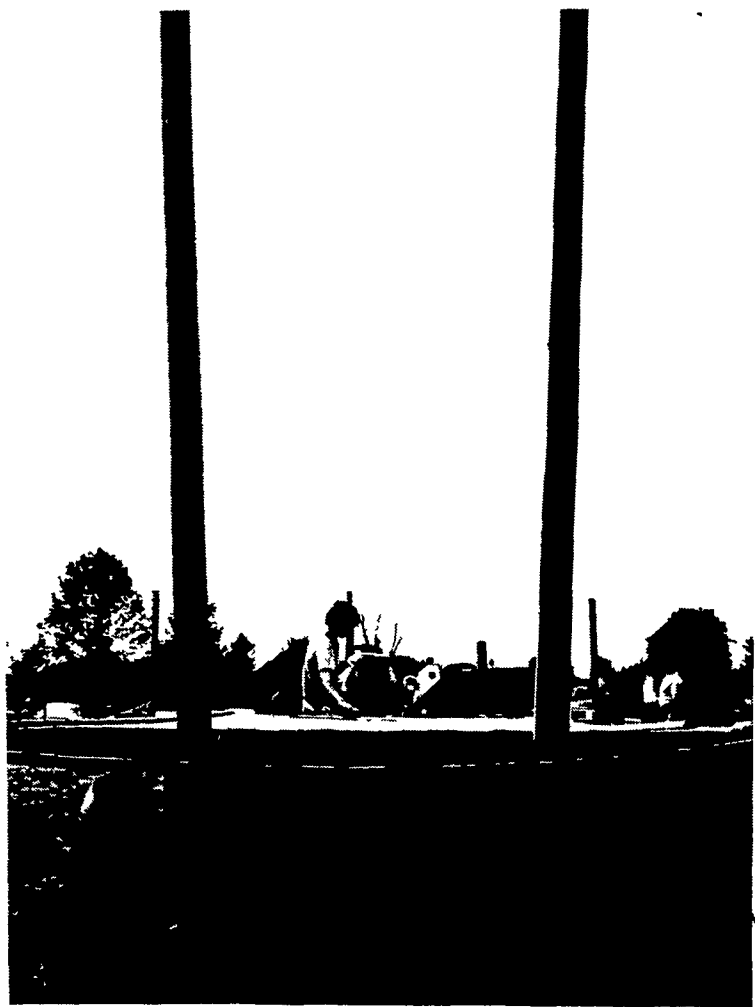
Open Class -- Bill Waltman, first; Bill Krantz, second; A. Dale Herr, third.

Results of the swine competition held Thursday night were:



The Solanco Fair Gang are shown pulling their way to a victory over the Buck Boys in

tug-'o-war competition Thursday night at the Solanco Community Fair.



To win at tractor driving, you've got to back this big wagon into a little hole. Some could and some couldn't at the competition held during Thursday during the Solanco Community Fair.



Quarryville's own version of a mounted police force took a pause from his peace-keeping duties to view the tractor driving

competition with a more-or-less professional eye.

Grand champion -- Matt Young, Peach Bottom RD2; reserve champion, Morris Young, Peach Bottom RD1.

Light weight -- Randy Ranck, Quarryville RD2, first; John Zander, Kirkwood, second.

Middleweight -- Jeff Glackin, Quarryville RD3, first.

Heavyweight -- Matt Young, first; Morris Young, second; Robert Zander, Kirkwood, third; Ralph Young, Peach Bottom, fourth; David Young, Peach Bottom, fifth.

Winners in the baby beef competition, also held Thursday night were: Show Grand Champion -- Bill Hershey, Quarryville RD2.

Show Reserve Grand Champion -- Kim Weaver, Quarryville RD2.

4-H Steers

Champion -- Kim Weaver,

Quarryville RD2; reserve champion, Susan Martin Hereford -- Karen Weaver, Quarryville RD2, first; Martha Burkin, second; Samuel S. Long, Christiana third; Sharon Long, Christiana, fourth.

Angus -- Tom Perry, Kirkwood, first; Steven Long, Christiana, second.

Crossbreed -- Kim Weaver, Quarryville RD2, first; Susan Martin, second.

FFA Steers

Champion -- Bill Hershey, Quarryville RD2; reserve champion, Tim Wimer, Quarryville RD3.

Angus -- Glen Weidman, Christiana, first; Randy Ranck, Quarryville RD2, second; Doug Testeman, Drumore, third, Jeff Glackin, Quarryville RD3, fourth.

Hereford -- Tom Perry, Kirk-

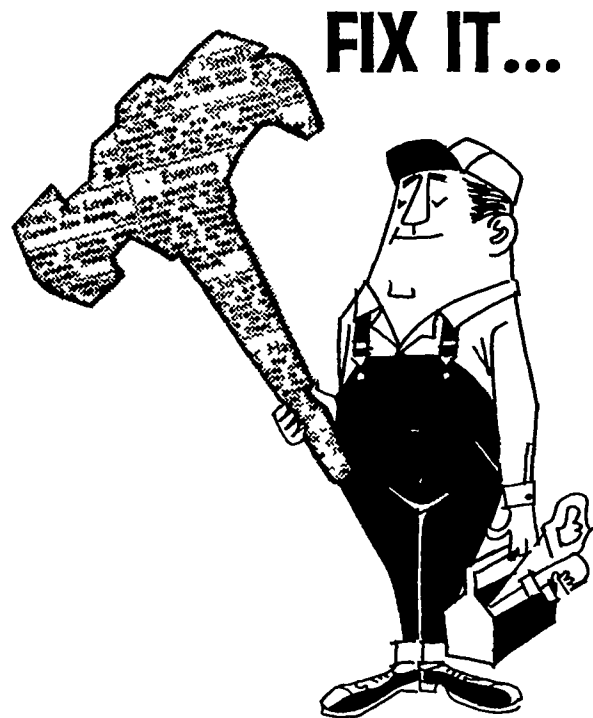
wood, first; Gary Welk, Quarryville RD2, second.

Crossbreed lightweight -- Jeff Glackin, Quarryville RD3, first; Dave Young, Peach Bottom, second.

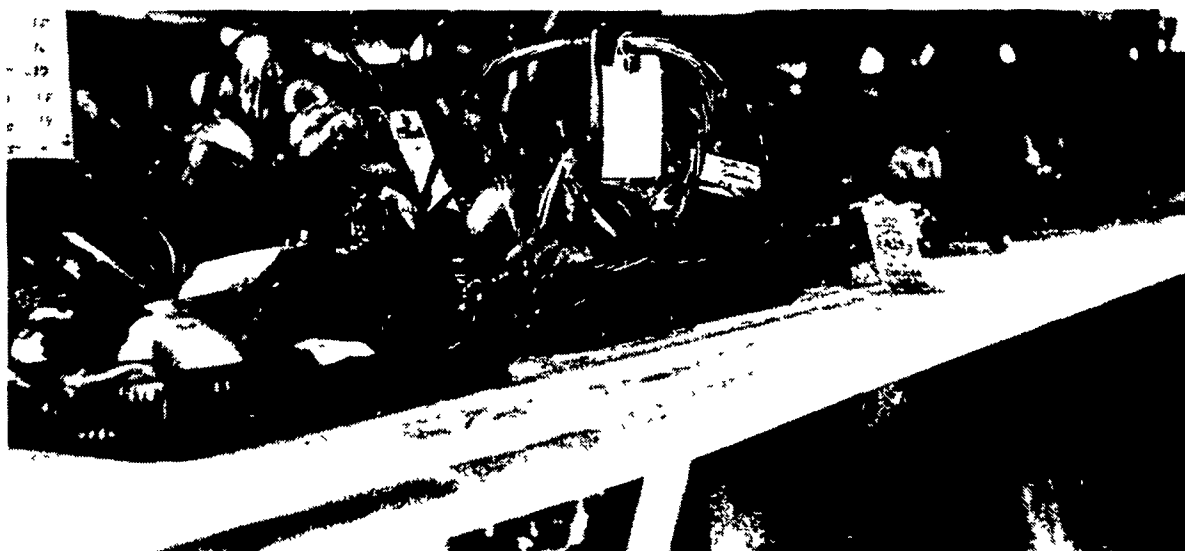
Crossbreed, heavyweight -- Bill Hershey, Quarryville RD2, first; Tim Wimer, Quarryville RD3, second; Ray Wimer, Quarryville RD3, third.

In the baby beef showing contest for first and second year competitors, Ruby Ginder took first prize, Gary Welk was second and Joe Winter was third. In fitting, Ruby Ginder again took first, Joe Winter was second and Gary Welk was third.

In the third year showman contest, Karen Weaver was first, Samuel Long was second and Tom Perry was third. In the fitting competition, Samuel Long was first, Ruby Ginder was second and Tom Perry was third.



THRU THE WANT ADS



Brown Swiss Show Added To All-American Agenda

A new addition to the Pennsylvania All-American (PAA) Dairy Show will add glamour and hoopla to the judging ring. The 10th PAA opens Monday, September 24, at the Farm Show Building.

The new event is the designation of the Brown Swiss breed show as the approved Eastern National show of the Brown Swiss Cattle Breeders' Association, Beloit, Wisconsin. This is just one of six breed shows in the PAA with the Holstein breed having been sanctioned the Eastern National for a number of years.

Because it is the Eastern National show, several things occur almost automatically. The amount of premiums offered jumps more than 10 percent to \$10,000 and the number and quality of entries increase, resulting in keener competition.

Most of the glamour and hoopla will occur at the tail end of the judging in the Brown Swiss classes, Tuesday, September 25. The top two ribbon winners in each of the five cow classes along with the champion and reserve champion of Monday's Junior Show, will enter the ring in a parade of champions.

Parade of Champions are not new to the Farm Show but this one should prove to be unique in that the champion cows will all be wearing neck bells and their

handlers will be dressed in traditional Swiss vests and hats.

It is from this parade of champions that Judge James Armbruster, Eagle, Wisconsin, will select the Grand and Senior Champion Females and the Reserve Grand and Reserve Senior Champion Females. The final touch will be appropriate background music in an effort to transform the Farm Show Arena into a quaint little Alpine chalet and farmstead.

All junior members of the Brown Swiss Association will be wearing distinctive jackets as they take their animals into competition. Junior members who place in the top three spots in their class have the option of entering the Eastern National without paying the entry fee.

The Eastern National Brown Swiss Show will also bring with it a whole collection of new trophies each carrying the name of distinguished breeders who have contributed to the continuation of the breed in North America.

The breeding classes of the PAA is what it's all about. Following opening day youth events, Brown Swiss and Milking Shorthorns share the spotlight on Tuesday, Ayshires and Guernsey on Wednesday with Jersey and Holstein classes commencing on Thursday. All judging activities start promptly at 9 a.m. in the Large Arena at the Farm Show Building.

Coops See Need For Legislation

The major problems bargaining associations face today are processors' refusal to negotiate, weak membership cooperation, need for more members, inadequate financing, and insufficient bargaining legislation. Product oversupply also was mentioned at the time the problems were explored in a recent survey by the U. S.

Department of Agriculture (USDA).

To help solve problems, the most popular proposal was legislation to encourage bargaining, that is, the actual negotiation of price and terms of trade between buyers and associations of farmers.

The survey was conducted by USDA's Farmer Cooperative

Service (FCA), and results are in a 28-page FCS booklet, "Bargaining Cooperatives--Selected Agri-Industries." The study shows something of the scope of agricultural bargaining throughout the country. In all, 53 bargaining associations responded by providing data on their activities. Dairy bargaining cooperatives were not included, because FCS considers their actions specialized enough to merit a separate study.

Survey information is from 11 fruit, 8 vegetable, and 5 regional sugarbeet associations, plus a number of multi-commodity organizations, including the American Agricultural Marketing Association and the National Farmers Organization.

Nearly all responses said members, nonmembers and processors benefit from association bargaining. They listed these bargaining results: better prices for members, more price stability, assured market for products, more orderly marketing, supervised grading and inspection, and reliable representation.

They indicated they will seek to increase membership and bargaining strength.

A copy of FCS Information 90, "Bargaining Cooperatives--Selected Agri-Industries," is available free from Farmer Cooperative Information, U. S. Department of Agriculture, Room 1474 South Building, Washington, D. C. 20250.

Shallow-Rooted Plants Need Water

Plants with shallow roots—such as azaleas, rhododendrons, mountain laurel, and flowering dogwood need frequent waterings. And it's a good idea to continue watering these plants on a regular basis until the ground freezes this fall, says J. Robert Nuss, Extension ornamental horticulture specialist at The Pennsylvania State University.

BUY EARLY... and get the hybrid of your choice, with no price increase.



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Crouse Cows Cited

Milk and butterfat production levels established by Registered Holstein cows in the herd of Galen W. Crouse, Len Lyn Farms, Stevens RD1, have been reported by Holstein-Friesian Association of America.

Cows recognized in the Crouse herd for their exceptional food producing ability are:

Len-Lyn Maxim Glamour, age 2 years eight months, 18,430 pounds of milk, 715 pounds butterfat with 3.9 percent test in

305 days; Len-Lyn Skokie Masterpiece, 5-10, 18,840 pounds milk, 677 pounds fat, 3.6 percent test, 323 days; Len-Lyn Inka Rachael, 9-9, 18,520 pounds milk, 665 pounds fat, 3.6 percent test, 305 days.

D-T-Y Reflector Olive, 4-2, 17,920 pounds milk, 655 pounds fat, 3.7 percent fat, 305 days; Len-Lyn Model June Adorable, 4-3, 12,510 pounds milk, 596 pounds fat, 4.8 percent test, 305 days.

From Local Ag Teachers:



Pequea Valley

Agriculture Department

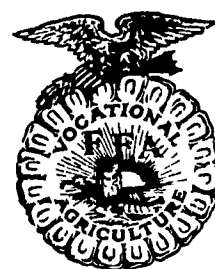
Now that a new school year has begun, it offers one an opportunity to reflect on last years activities and express hopes and ideas for the future.

The beginning of last year saw the construction of two portable plastic greenhouses for both Agriculture and Biology Departments. The Chapter later sold over 230 tomato plants plus various other garden vegetables to offset construction costs.

A variety of learning experiences developed in the agriculture classroom through use of films, guest speakers, field trips and various class projects.

And what of the Pequea Valley FFA Chapter? This past year saw the acquisition of an FFA Van courtesy of Shirk Chevrolet, Paradise and will be used for all FFA functions. Other highlights included the Holiday Citrus Fruit

Thoughts in Passing



Parent-Son Banquet, Chapter swimming party, hayride and Turkey Shoot are all annual events which were once again a rousing success. The Chapter put on two TV programs on the "Noonday on 8" program as well as an FFA Week radio program on WHEX.

What about the year ahead?

The enrollment in Agriculture at Pequea Valley increased to 61 students, up from last years 44.

Plans are now being made to attend the National FFA Convention in Kansas City, Mo. during October 13-20. Five members along with the Chapter Advisor and his wife will be going.

A variety of new and exciting courses are being planned for this year. Included are: a comprehensive look at Farm Management, Tractor and Machinery Maintenance, Small Gasoline Engines and Forestry.

Sale in which Pequea Valley, the smallest Chapter in the county, outsold all other Chapters. The Donkey-Basketball Game, FFA

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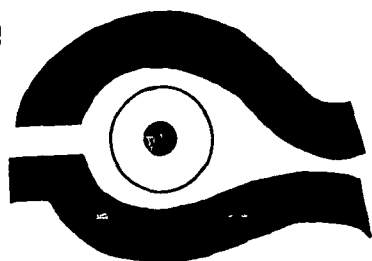


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Vinyl Has Appeal As Upholstery Fabric

Vinyl, once an ugly duckling so far as furniture upholstery was concerned, has grown into a beautiful covering with almost universal appeal.

Forget any early associations you might have had with vinyl as a covering used on movie house seats or on cheap dinette cushions, says Mrs. Helen Puskar, Extension home furnishings specialist at The Pennsylvania State University.

Vinyl is now available in four different types and in countless colors and designs. And on the practical side, it's easy to clean and very durable.

Expanded vinyl is laminated to a knit or woven backing. The fabric serves to soften the vinyl and makes it more flexible. Some expanded vinyls have a layer of cushioning for extra luxury. Mrs. Puskar says if you like fine glove leather, but can't afford it for upholstery, expanded vinyl will serve the purpose at far less cost.

Supported vinyl is laminated to

a strong, heavy fabric backing for heavy duty upholstery use. Breathable vinyl is of fine quality with fabric backing. It has tiny air openings for porosity and is not hot and sticky to sit upon. Unsupported vinyl used mostly for inexpensive cushions, is without backing and is less durable than other types.

Some vinyls look like familiar upholstery fabrics. Others imitate smooth textured leather and suede. Still others look like what one would expect a plastic to look—smooth, shiny and sleek.

Mrs. Puskar advises that when shopping for upholstery materials find out if the covering is colorfast to light. You can't tell about colorfastness by appearance. Ask for such information and look for information labels.

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ED ESHLEMAN'S WASHINGTON REPORT

Anyone trying to buy or trying to sell a home today is finding the market very difficult. The difficulties stem from the lack of mortgage money available.

Over the recent congressional recess, I had an opportunity to talk to a number of constituents with an interest in this problem. These discussions left me with the impression there are two solutions that must be pushed along — one short-term and one long-range.

The short-term solution depends on the willingness of local lending institutions to cooperate with realtors in making money available to people who want to buy homes. This would mean some sacrifice on the part of these banks and savings and loans, and ultimately sacrifices for their investors, because there is more money to be made these days in lending markets other than the home mortgage market.

But home mortgages are the economic life-blood of a community. Short-term sacrifices now — and that means lending money at a very substantial interest rate of 8 percent and up — means more good customers and investors for the banks and savings and loans in the future. No one puts more of a premium on the financial stability that comes from property ownership than those of us in the Pennsylvania Dutch country.

But local cooperation to assure a continued strong housing market cannot be expected to be a final answer to present problems. More final action must be taken at the Federal level,

and, in particular, by the Federal Reserve.

The mortgage situation is serious because the Federal Reserve has been "tightening" money as an anti-inflation measure. What this means is that less dollars are being put into circulation so that there are less dollars available to be spent. And the less dollars spent, the less inflation we have.

However, when money is tightened, the first place that spending is curtailed is on loans, particularly long-term loans. Therefore, a tight money policy usually causes a downturn in mortgages.

The long-range solution to present ills involves the Federal Reserve loosening its grip somewhat on the money supply. That seems likely to happen as soon as the economy begins to respond to all of the anti-inflation steps that have been taken in recent weeks.

The other thing that can be done at the Federal level is to cease unfair government competition for investment dollars. Interest paid on various government certificates has gotten so high that investors are putting their money into government hands rather than into private firms. Without the investment dollars, private institutions are left with less money to put out in home mortgages. Therefore, if we in the Federal Government are really concerned about making it possible once again for the average wage-earner to buy a home — and the situation is serious enough that everybody

New Certified Seed Procedures Adopted

The U. S. Department of Agriculture (USDA) announced the adoption of standards and procedures to be followed by certifying agencies to help assure the genetic purity and identity of certified seed under the Federal Seed Act. They become effective November 1.

USDA's Agricultural Marketing Service (AMS) said the new standards and procedures establish a uniform system to be followed by state seed certifying agencies in the production, handling, and labeling of all classes of certified seed so that it may be represented as certified seed when shipped in interstate commerce.

The amendments define certain terms relating to certified seed; set eligibility requirements and procedures for the production, handling and labeling of certified seed; prescribe minimum standards for land, for isolation to prevent cross-pollination, and for genetic purity; provide for interagency certification; and require that certain records be kept to establish the history and identity of each lot of seed certified.

The proposed standards and

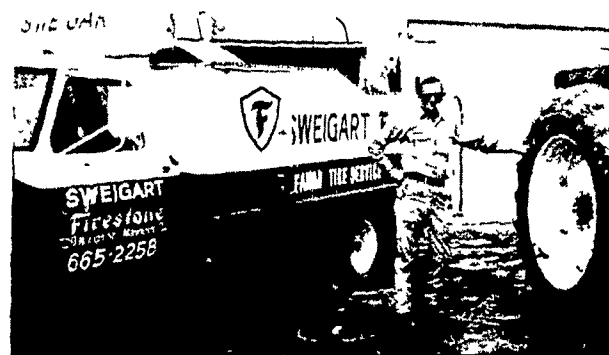
had better be concerned — we can at least see to it that the places who lend money for homes are able to get the investments they need to make those loans.

procedures are essentially the same as the minimum adopted by the Association of Official Seed Certifying Agencies, and were published in the Federal Register May 25, 1972. A public hearing was held on the proposal June 28, 1972 in Washington D. C.

The standards and procedures are being adopted substantially as proposed, and are scheduled to appear in the Federal Register Sept. 14. Copies may be obtained from the Director Grain Division, AMS, U. S. Department of Agriculture, 625 Belcrest Road, Hyattsville, Md. 20782.

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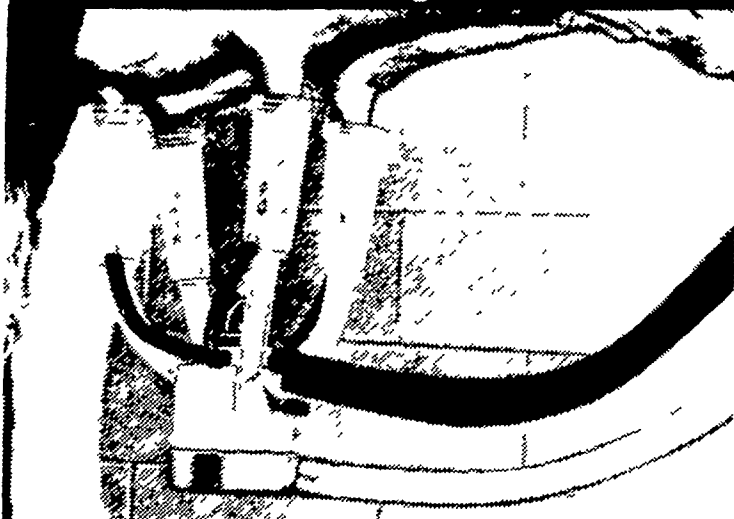
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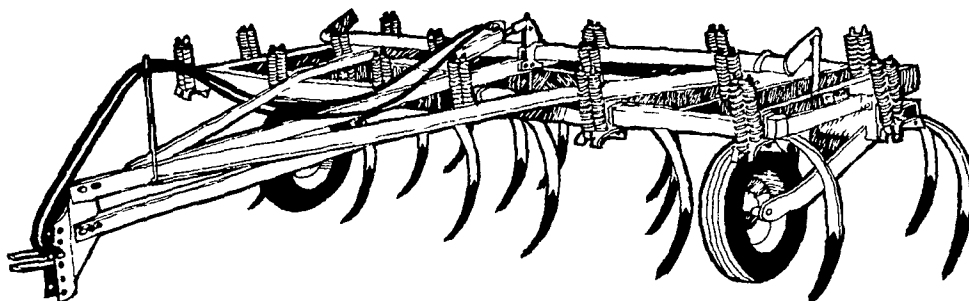
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Round Bales for Beef Cattle

Feeding round hay bales to beef cattle right in the field where the hay is grown is gaining in popularity among cattlemen in Pennsylvania, says Dr. Lowell L. Wilson, professor of animal science at The Pennsylvania State University.

Besides saving labor, hay inside round bales left in the field is just as good quality as hay in square bales stored in the barn, Dr. Wilson pointed out recently from studies at Penn State and elsewhere. The round bales form a tent, causing rain to run off rather than being absorbed into the bale.

The technique is worth considering for winter feeding of beef cattle, he suggested, as well as for dry weather feeding in summer and fall when pastures

may be poor.

"It is amazing how effectively the cows use the small round bales even with 12 inches or more of snow," he affirmed.

Small, round bales weighing 40 to 60 pounds have been used successfully for many years in several mid-western and mid-south states. Now several machines are available which produce round bales weighing anywhere from 1000 pounds to 3500 pounds. Other new machines make hay stacks weighing one to six tons.

Little or no labor is involved in making hay this way except for mowing, raking, and baling. There is no manure to haul during the fall or winter when the cows are grazing on grass or are eating the bales.

There is little if any labor in feeding round bales to beef cattle in the field. The cows go to the feed rather than the feed having to be taken to the cows. However, tractor attachments are available for moving large bales and stacks.

Before heavy snow occurs, the cows should be given access to fields where the bales are located. This allows the cows to graze the grass regrowth before it is covered by snow, Dr. Wilson explained.

Farmers are using two methods of grazing round bales and regrowth in the fields. A farmer with several such fields may simply turn the cows in with the bales and let them have access to all the bales at one time. Many beef cattle operators use and like this method.

A more efficient way is to allow the cows access to only what they need for a two or three week period at a time. By using electric fence, farmers divide fields into strips containing the round bales. Such a stripgrazing plan will increase the number of cow-days per acre by at least 35 per cent.

It is even more important, Dr. Wilson claimed, to limit-feed or stripgraze the large bales. In a Penn State study, cows had access to large round bales during September and October. This provided enough hay for one month. The cows used about 74 per cent of the available grass and round bales.

A study elsewhere found that the best hay feeding rack wasted 14 per cent of square-baled hay placed in the rack.

Beef cattle do the most thorough job of feeding from round bales if the water source is away from the hay field, Dr. Wilson and associates have found. Also, if cows stay in the

field all the time, there is a tendency for them to lie on the bales, thus reducing clean up of the hay.

The small 40 to 60 pound round bales seldom "crowd out" grass underneath the bales. In early spring, a growing pasture quickly re-establishes the small area under the round bales. However, bare spots will likely occur where large round bales and stacks are left in the field throughout the summer, fall, and winter.

Making hay into bales or stacks means that excess hay can not be sold through normal hay marketing channels, the Penn State animal scientist added.

Experiments with round bales and hay stacks are continuing at Penn State.

State Will Check

Accuracy of Scales

Live weights of cattle, swine and sheep ready for slaughter in stockyards will be checked on up-to-date inspected scales, it was disclosed by Pennsylvania Agriculture Secretary Jim McHale.

McHale announced at the 58th Annual Conference of the Pennsylvania Weights and Measures Association that six heavy duty trucks will begin making rounds of stockyards October 1 to check on the accuracy of the scales used.

"With today's meat prices being what they are," said McHale, "it is doubly important that no one gets shortchanged on weights."

The secretary acknowledged that since the Bureau of Weights and Measures was brought under the jurisdiction of the Agriculture Department in March, "we have had more clout in the consumer protection field."

McHale said the new bureau complements the department's Bureau of Food and Chemistry which inspects foods sold at the retail level. "With our Weights and Measures inspectors," said McHale, "we can check the accuracy of net weight labeling."

McHale said, "We are all consumers and we can well understand that when we pay \$2 a pound for a cut of beef, the smallest weight discrepancy can mean a substantial loss to us in terms of a year's purchases."

The secretary also announced in his speech that the state will hold seminars for county weights and measures personnel in October, January and April.

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Lebanon County Growers Tour No-till Corn Fields

Corn growers from Lebanon and Lancaster counties had a close look at an unconventional method of growing corn this week. A tour of six Lebanon County farms, sponsored jointly by the Lebanon County Agricultural Extension Service, the Lebanon Soil Conservation District and representatives of the Chevron Chemical company, attracted approximately 40 farmers.

Known as "no-till" or zero-tillage corn, this novel cultural method uses a special planter that needs no soil preparation other than that provided by the planter itself. A sturdily built machine, it opens a furrow with a fluted coulter, plants the seed and places the fertilizer in the row, then firms the soil around the seed. Herbicides and insecticides can be applied at the same time.

Karl Hellerick, District Soil Conservationist, sees the no-till method of corn growing as a

prime means of controlling soil erosion, especially in Lebanon County where large crop areas are plowed up and planted in corn year after year. "With the No-till method, the soil is not torn up each year, a cover crop or mulch is maintained on the surface, and the rich topsoil remains on the surface where it belongs". Mr. Hellerick pointed out several examples of this soil saving feature where no-till corn was planted near conventionally planted corn. There was noticeably less erosion on the no-till field, and the soil was firmer, even following the recent four-inch rainfall. Heavy machinery was seen harvesting corn on these fields, while nearby plowed fields were still too wet to support this equipment.

Chemical herbicides are an essential part of the no-till corn program. At planting time, all green and growing vegetation is

killed with Paraquat, a non-residue forming herbicide. John Henszey, field representative for the Chevron Chemical Company, Ortho division, which distributes Paraquat, pointed out the importance of properly identifying any weed or cover vegetation problems so that the correct herbicide combinations can be used. Fall Panicum, a grassy weed, was seen as a major weed problem in some of the fields on the tour. "You must have the residual herbicides such as Lasso or Princep in the soil before Panicum germinates — once it is up, nothing will control it." Except for this grass, the no-till corn fields were relatively free of weeds.

Penn State Agronomist Willis McClellan noted that Pennsylvania had 300,000 acres planted in no-till corn this year. He predicted that 60 percent to 65 percent of all corn planted in Pennsylvania within five years, would be no-till. McClellan urged farmers to order all of their fertilizer needs for next spring as

soon as possible, since supplies are limited. He said that mixed fertilizers can be safely applied to the soil this fall and winter, after the soil temperatures drop below 50 degrees. However, only ammoniated forms of nitrogen fertilizers should be applied during the winter, to prevent losses.

Two separate tours of Lebanon County farms were offered corn growers. The morning tour featured farms in the Schaeferstown area and included fields on the farms of Elmer Rohrer, Luke Patches and John Hartman,

In the afternoon, no-till corn fields were visited on the farms of John Landis, Henry Meyer and Lawson Hemperly, all in the Annville area. Coordinator of the event was Lebanon Assistant County Agent Newton Bair, who commented, "These corn growers are innovators, willing to try new methods and make them work. We are not ready to say that everyone should go to no-till corn, but we should consider the advantages in soil conservation, and also time and power savings. We are ready for more of it in Lebanon County".

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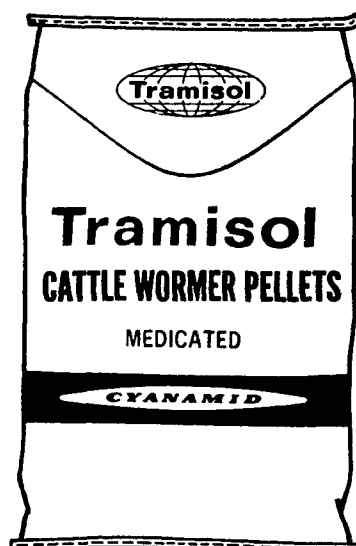
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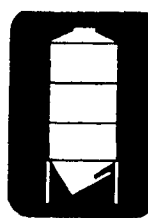
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American Farmers Pile Up The Records

U. S. agriculture stacked up more records last year. Farmers not only turned out the greatest volume of products in history, but they also established alltime highs for crop production per acre, farm productivity, labor productivity, and acres harvested for export.

In its annual report Changes in Farm Production and Efficiency, the USDA's Economic Research Service (ERS) said farm output

in 1972 rose 1 percent from a year earlier and 11 percent from 1967. Both crop and livestock production posted gains of 1 percent, reaching new peaks.

Increase uneven. However, the increase in crop output was not evenly distributed among crops. Feed grain production dropped 4 percent; per acre yields advanced 7 percent but acres harvested declined 11 percent. Food grain production was off by

nearly 5 percent and fruits and nuts by 10 percent due to unfavorable growing conditions for most crops. Hay and forage production just missed equaling the 1971 record.

Oil crops continued the uptrend of the past 2 decades. Cotton made the biggest leap among all crops, 27 percent, reflecting stepped-up acreage harvested and better yields. All other crop groups exceeded the 1971 output.

Regionally, farm production records were set in the Northern and Southern Plains, Appalachia, Delta States, and the Mountain and Pacific regions. The Lake States, Corn Belt, and Southeast regions narrowly missed the 1971 highs. In contrast, output in the Northeast plunged 10 percent as a result of exceptionally poor growing conditions.

Best yields. Crop production per acre, up 2 percent, surpassed the previous record of 1971. Alltime highs were established for corn, grain sorghum, peanuts, all hay, sugarbeets, and many other crops. Yields of wheat, barley, and rice were the second highest on record, and cotton reached a 5-year high.

All told, the volume of farm inputs used to produce the record 1972 production showed no change from the previous year. Thus, the farm productivity index—output per unit of input—notched up by 1 percent despite difficult harvesting conditions.

Productive Plainsmen. Productivity gained 12 percent in the Southern Plains, 4 percent in the Delta States, and in most other regions by 2 percent or less. Productivity declined in three regions—the Northeast by 10 percent, the Southeast by 3 percent, and the Corn Belt by 1 percent. Hurricane Agnes was responsible for most of the drop in the Northeast and Southeast.

Though the volume of inputs did not change last year, there were significant shifts in the

input mix. Farmers continued to purchase increasing amounts of inputs from the nonfarm economy. Purchased inputs rose 2 percent above the 1971 level, whereas nonpurchased inputs fell 1 percent in continuation of a steady 21-year decline.

The input group showing the most change was the miscellaneous category, which climbed 7 percent. Pesticides and cotton ginning accounted for the bulk of this increase.

Farmers used fewer hours of labor in 1972 than ever before. About 6.2 billion hours were needed, down from 6.4 billion in 1971. Planting, cultivating, and harvesting crops required 3.2 billion hours, and 2.1 billion were spent caring for livestock. The residual 0.9 billion went for overhead jobs and miscellaneous tasks.

Labor used in all group production declined in each group except sugar crops, cotton, tobacco, and oil crops. These four required more labor because of increased acreage and

production. Hours of labor continued to fall for all classes of livestock, with decreases ranging from 7 percent for poultry to 5 percent for meat animals.

Most per hour. With the labor input at a record low and farm production at a record high, output per hour scaled to new heights. Labor productivity advanced 6 percent from 1971—6 percent for livestock and 5 percent for crops. Poultry scored the largest gain in the livestock group, 11 percent, followed by milk cows at 9 percent and meat animals at 6 percent. Among crops, cotton led with a 13-percent increase. Food grains, on the other hand, registered a 4-percent decrease because of smaller production. Fruits and nuts were also down, by 1 percent.

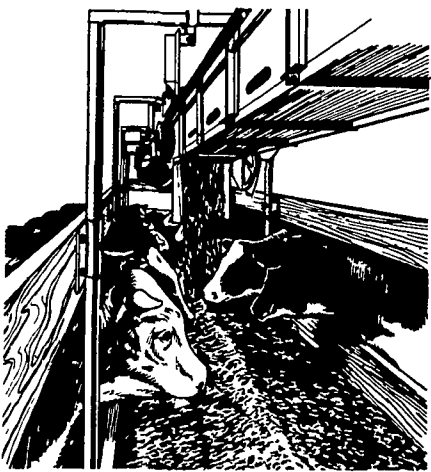
The volume of farm products exported last year required the equivalent of 85 million acres, topping the 1963 record by 8 million. Acreage of wheat for export went from 19 million acres in 1971 to 35 million in 1972; corn, from 8 to 11 million; soybeans, from 20 to 22 million; and cotton, from 4 to 5 million. Dairy products dipped from less than 3 million acres to only 1 million. Other livestock products remained near the 1971 level.

Cropland used for crops totaled 336 million acres in 1972, or 4 million less than in 1971. The largest acreage changes were in the Corn Belt, down 3 million acres, and in the Northern Plains, down 1 million.

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Soybean Field Day Oct. 1

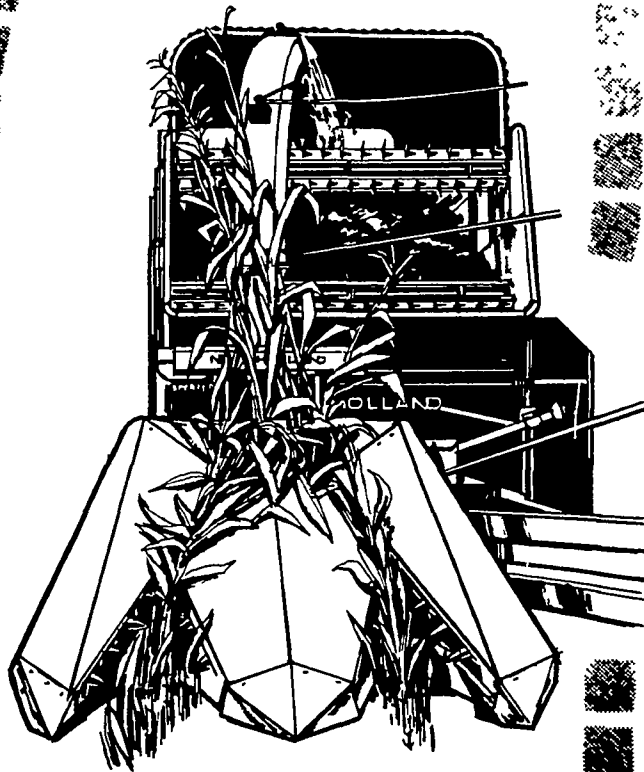
Area farmers are invited to the Penn State Research Farms, Landisville, on Monday, October 1 to observe soybean plots.

Dr. Richard Cole will be the main speaker for the Soybean Field Day, which will begin at 1:30 p.m. Varieties, full season, double crops, and herbicides will be under discussion and observation, according to John Yocum, Research Farms manager.

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3 outlook

SOYBEAN SUPPLIES... If the 1973 soybean outturn does reach 1,540 bushels or more, as indicated by the August crop report, supplies should be ample to meet the record anticipated 1973-74 season domestic and export demand approaching 1.5 billion bushels. This would also allow some buildup in carryover on September 1, 1974.

xxx

PRICE STRENGTH PERSISTS... With demand for the golden bean staying strong, prices received by farmers during 1973-74 will likely average somewhat above the record \$4.35 per bushel now estimated for the 1972-73 season.

FED CATTLE MARKETINGS MAY GAIN... October-December fed cattle marketings could be a little larger than 1972's fourth quarter. The midyear inventory of steers on feed weighing 700-900 pounds and heifers in the 500-700 pound weight group were up 4 percent from a year earlier. These animals normally supply over half fourth quarter marketings.

xxx

BUT BEEF OUTPUT MAY STILL BE DOWN... Offsetting the larger fed cattle marketings, though, will be very small nonfed steer and heifer slaughter as well as cow slaughter that may be about the same or only a little

larger as a year earlier. On balance, these could lead to a small cut in October-December beef output.

xxx

PRICE PICTURE STAYS ROSY... Early fall fed cattle prices may be higher than summer prices, following the release of beef from price ceilings in mid-September. However, as marketings rise above a year ago and pork output is seasonally larger, prices may ease some by late fall. Still, fourth quarter prices should be at least a third above 1972's October-December average of \$34 per 100 pounds.

xxx

HOG SLAUGHTER this fall is expected to be near or slightly below October-December 1972, judging from the number of market hogs on farms under 60 pounds last June 1. Prices of barrows and gilts may decline some into the fall but the average will be 50 percent above last October-December's \$29 per 100 pounds. Strong consumer demand for red meats and limited supplies are serving to maintain high hog prices.

xxx

WHAT'S HAPPENING WITH LAMBS... Lamb slaughter will continue well below a year earlier during July-December because of the 9 percent cut in the 1973 lamb crop and some probable increase in withholding of live lambs for herd replacement. Choice spring lambs were selling for \$38 per 100 pounds at San Angelo in late July, about the same as late May. But second half prices should rise above that level in response to smaller supplies and a strong cattle and hog market. Lamb prices have not shared the spring-summer strength of cattle and hog markets.

xxx

EXPORT EXCITEMENT... U.S. farm exports during fiscal 1972-73 soared to \$12.9 billion, topping by nearly 60 percent the previous high of \$8.05 billion set only a year earlier. The

hike was about equally due to bigger sales and higher prices.

xxx

GRAIN GAIN... Credit grains for the takeoff in our 1972-73 export values. Sales of wheat and flour and of feed grains both doubled to over \$2.2 billion each. At the same time, soybeans and soybean products remained our most valuable export commodity, worth \$3-plus billion in 1972-73.

xxx

TRACKING THE TRADE BALANCE... While imports of agricultural items also swelled sharply in 1972-73... at \$7.3 billion they were nearly a fifth larger than in the preceding fiscal year... the farm side of the trade ledger was the brightest spot in our balance of trade. Farmers' contribution reached an all-time high of \$5.6 billion, compared with an over \$9 billion deficit in our nonfarm trade. Thus, thanks to farmers, the United States wound up only \$3½

billion in the red in terms of our total 1972-73 trade.

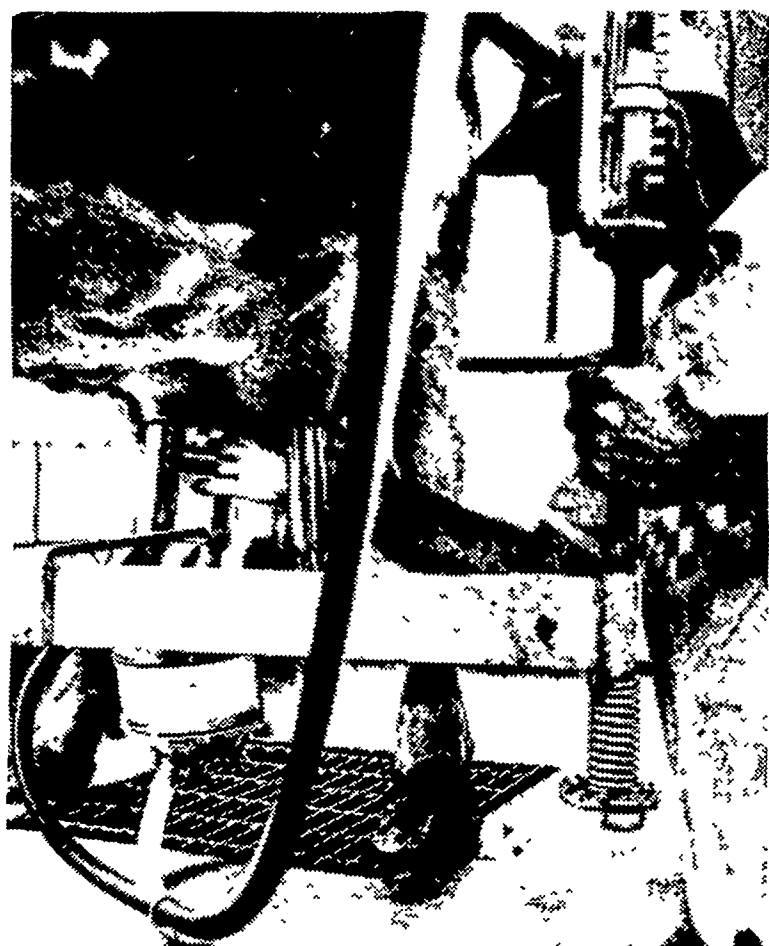
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DEVALUATION'S ROLE... Devaluation has had a dramatic impact on U. S. farm trade, increasing our comparative advantage in foreign markets despite recent world price rises. On the other hand, imports of foreign agricultural commodities have become less competitive in the United States.

xxx

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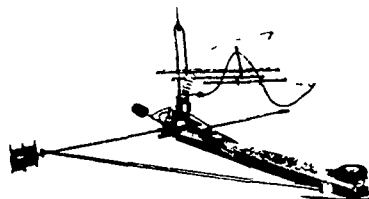
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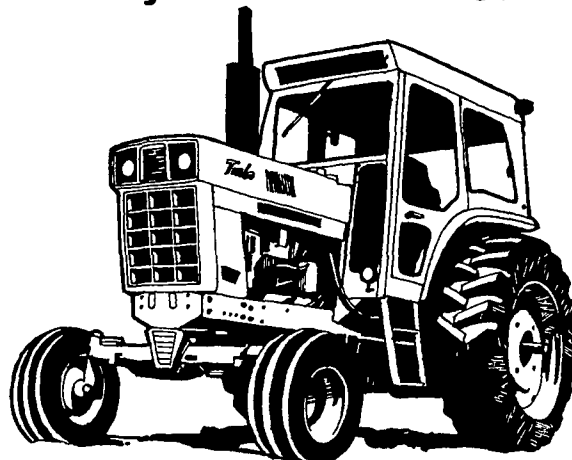


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Egg Clearinghouse Expanding to West Coast

Egg Clearinghouse, Inc. will expand its trading activities to include the West Coast on Monday, September 24, according to Ray Delano, ECI President and General Manager. West Coast trading has been under consideration by ECI directors since the appointment of a three-man West Coast Ad-

visory Committee on July 5, by Chairman of the Board John Wallace. Committee members advising the Board regarding cash egg trading and industry needs on the West Coast are: Dwight Bert, Quality Farm Products, Inc., Upland, CA., Kent Christofferson, Countryside Egg Farms, Inc., Salt Lake City,

Utah; and George Biddle, Sun Valley Farms, Modesto, Ca.

West Coast trading will take place daily beginning at 10 a.m. Pacific Time, and will consist of three half-hour trading periods. A different phase of trading will occur during each of the periods, with completed trades possible in any period, and the opportunity to negotiate a price in the second and third periods.

Trading will be in Gradeable Nest Run eggs according to ECI Trading Rules and Specifications. Trading in this form has been readily accepted by the industry since its development and the start of trading by ECI in October, 1971. The industry recognized that a practical method of trading gradeable Nest Run eggs met an urgent need of the industry, and as a result, USDA adopted the ECI Weight and Grade Specifications, and made Nest Run an official grade on November 1, 1972.

The Pacific Commodity Exchange assumed industry leadership when it launched the first Nest Run Futures Contract on February 12, 1973. Once the industry and traders recognize the many advantages of this Nest Run Contract, the Pacific Commodity Exchange is expected to become a major factor in futures trading. Cash trading through ECI should complement futures trading on the Pacific Commodity Exchange. Eggs delivered against the futures contract can be sold in the cash market through ECI since the specifications are the same.

Trading rules for West Coast trading are being sent to major producers, packers, and dealers, and are available on request. Trading Gradeable Nest Run eggs by Weight Class and Grade, at a flat price for all eggs, is a major change from what has been the practice of the industry for many years. An understanding of the make-up of a GNR pack, including limits on undergrades, yield of sizes, and the cost of converting the pack to a cartoned product delivered to a

chain store, is fundamental to accepting the concept.

Cost data has been accumulated and summarized by ECI to give the industry a guide in determining the margin required to service chain stores with cartoned eggs when starting with the raw unprocessed GNR egg. The data is broken down into three parts: 1) Cost due to undergrades, 2) Cost due to smaller eggs in a GNR pack; 3) Operating costs for processing and marketing. This data is available from ECI on request.

Gradeable Nest Run eggs have proven to be more practical to trade for both buyers and sellers than Graded Loose. There is no duplication of processing and handling costs, and for this reason many producers, packers, dealers, and brokers have turned to trading GNR eggs. Some have developed contracts based on ECI specifications and trading rules. The overall quality has also proven to be superior because they are oil treated at the farm, fresher, unprocessed,

and reach the buyer with a minimum of handling.

Nest run eggs are a blend of sizes. However, cases with the same net weight consistently yield the same percent of the various sizes. For example, Class 1 Large with a net of 48 pounds will yield approximately the following sizes: Extra Large 18 percent, Large 54 percent, Medium 14 percent, Small 1 percent, Undergrades 8 percent to a maximum of 13 percent. This data was based on minimum 24 ounces large so that the yield of larger sizes would be greater if USDA standards are used.

Trading activity is expected to be quite limited until industry leaders become familiar with how ECI operates, and see how it can help them and the industry. Anyone interested in membership or trading is invited to call ECI at 800-258-7160. Trading Rules and Weight and Grade Specifications, and other information is available from ECI on request.



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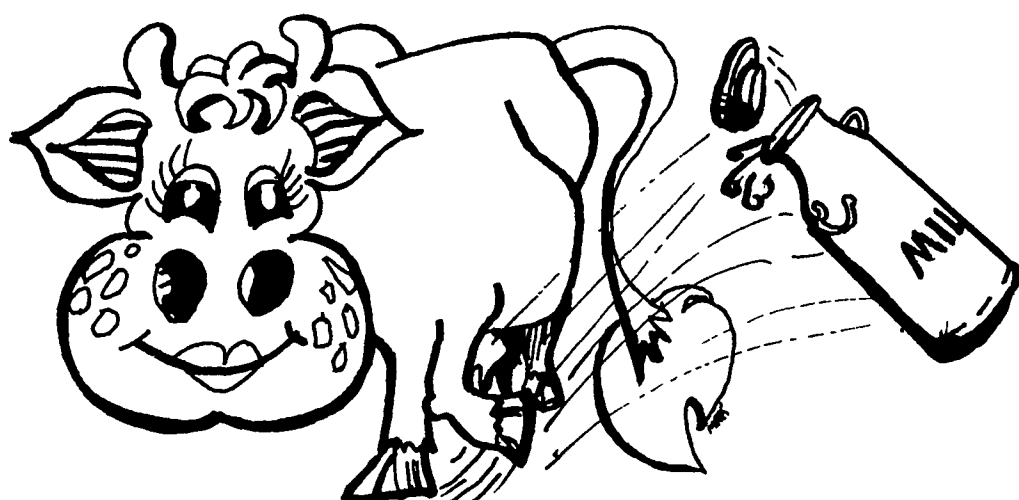
COST: \$110

(includes air travel, lodging, most meals, bus travel while in Wisconsin)

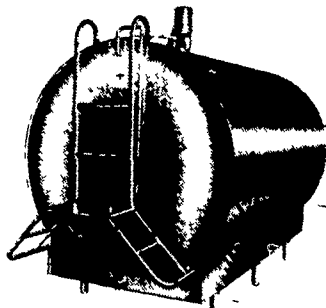
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Butterfat differential is .09 per point above or below 3.5 percent.

The August uniform price for base milk increased 35 cents from the previous month. Excess milk showed a increase of 67 cents.

In comparison to August levels one year ago base milk was up \$1.01 and excess up \$1.34.

The weighted average price for the market was increased \$1.01, above August 1972.

A total of 367 million pounds of producer milk was pooled in August of which 64.13 percent was sold as Class I, showing an increase of 3.38 percent of deliveries made in July, and increased 3.13 percent over August a year ago. 8128 Order No. 4 producers provided 11.8 million pounds per day to dealers during August, averaging 1457 pounds per day per farm. Total value of producer milk was set at \$28,552,599.64 for the month.



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To help guide you in planning wholesome meals is a correspondence course from The Pennsylvania State University. Titled "Food Selection and Preparation" the course is designed to aid you in putting new interest and quality in your meals every day.

Menus, recipes for tasty foods, and a complete analysis of foods essential to living and good health are included in the course. Other features are children's diets, lunchbox foods, and food costs as compared to family income.

To get your copy of the course, send \$4.80 to Food Selection, Box 5000, University Park, Pennsylvania 16802. Make your check or money order payable to The Pennsylvania State University.

All material for the course will be mailed promptly. You can study the lessons at your convenience and then file them for easy reference.

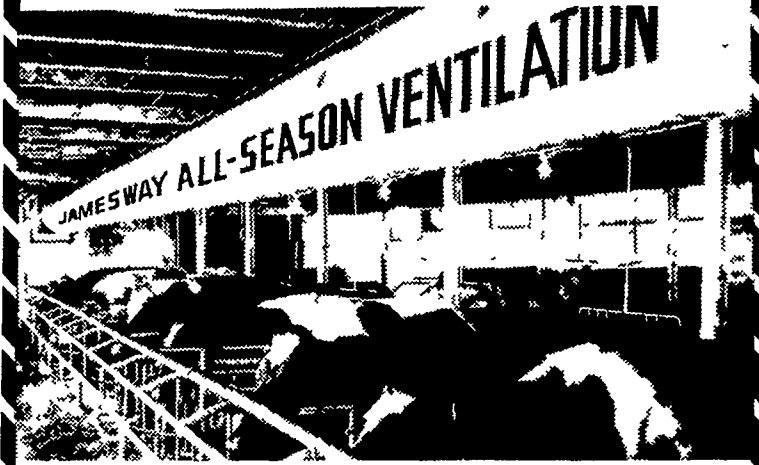
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All-American Judging Governed By Show Ring Code of Ethics

The 10th Pennsylvania All-American (PAA) Dairy Show opens Monday September 24 for a five-day run at the Farm Show with all judging activities governed by more than 60 rules

and regulations promulgated by the Pennsylvania Dairy and Allied Industries Association, co-sponsors with the PA Department of Agriculture

All exhibitors are also subject

to the Show Ring Code of Ethics as adopted by the Purebred Dairy Cattle Association in March, 1971.

Changes to the rules and regulations from year to year are minimal with the PAA now firmly established in its tenth year of operation. For this show there have been two important additions, however, Rules 18 and 46.

The two rules are related. The former requires that official production records be included on the entries of all cows with at least one complete lactation while younger females and bulls will list the production record of their dam. The latter rule says that a rosette will be presented to the highest producing cow in the top half of each cow class, excluding two-year-olds.

These new rules are a partial answer to the time honored debate among dairy farmers and breeders, type versus production. Obviously, anyone who charts a path through selective breeding that concentrates on production to the exclusion of type or overall bone structure and body conformation will be heading for trouble after a few generations of breeding. And if the emphasis is reversed, he's still in trouble. The path he picks out must be somewhere in the middle between eye-popping production records and a good, solid animal.

There is little controversy on this middleground theory but the criticism of dairy shows is that judging is limited to type with very little consideration of how much milk the cow can produce. Rule 46 will provide that long awaited recognition.

For those exhibitors fortunate enough to pick up both the blue ribbon for winning their class and the rosette for the best production record of the top half of the class it will mean two important things. First, the subjective opinion of the judge is com-

Neppco's Exposition Features Fun, Work

Three days of fun and family fare will share billing with the future-oriented educational sessions and expanded commercial exhibits at the 42nd annual convention of the Northeastern Poultry Producers Council (NEPPCO).

"It's a very enjoyable resort area and we expect industry men and their wives to benefit from the array of entertainment the area provides," according to Richard I. Ammon, NEPPCO executive director.

The 14-state exposition opens at this huge resort complex at noon on Tuesday, October 30 and ends on Thursday evening, Nov. 1.

Accommodations at the regal Hershey Hotel are being assigned from the NEPPCO office at 322 Oxford Valley Road, Fairless

Hills, Pa., on a first-come basis, as are those for the beautiful Hershey Motor Lodge. Advance reduced-price registration for the speaking program at the Hotel Hershey and for the big exposition area being staged at the nearby Hersheypark Arena are also recommended by NEPPCO officials.

"With speaking programs taking place only in the morning and exhibit hours restricted to the afternoon, we're giving those attending a maximum flexibility to see, hear and enjoy the entire program and area here," Ammon says.

High on the tourist's must-see list while attending the exposition will be the famed Chocolate World Tour, which whisks visitors in comfortable carts through the entire process of chocolate-making, from bean to candy bar. A historical section and indoor tropical garden are features, as well.

The renowned Hershey Museum and Founders Hall are worthwhile attractions, along with the famed arboretum. Tours into the picturesque Pennsylvania Dutch country can be taken.

Nine golf courses, tennis courts and all the amenities of a plush resort are also part of the fun. Inside, NEPPCO itself will be inviting industry men and their guests to special luncheons, trade meetings and to a gala concluding banquet complete with professional entertainment. The food at the resort is justly famous.

The real "meat" of the convention, however, will be the series of in-depth seminars and talks designed to "wake you up to the new era in agriculture," according to NEPPCO officials. Experts scheduled to enhance the "Tomorrow" theme will provide ideas and insight into the areas of prices, merchandising, government regulations, poultry waste and costs.

"The combination of a truly enlightening speaking program, our expanded commercial exhibits section and the enjoyment we know folks will have at this central Pennsylvania resort right in the middle of NEPPCOland lead all of us to believe this will be one of the best NEPPCO shows in many years," Ammon says.

"Anne Frank" Performance Will Benefit MS Society

On Wednesday night, October 3, a gala live performance of "The Diary of Anne Frank" will be held at the Fulton Theater for the benefit of the Lancaster County Chapter of Multiple Sclerosis. A supper party will take place afterwards at the Hilton Inn General Richard Scott is chairman of the event.

Tickets are now on sale at Park City in the Sears Mall, at Provident Bookstores and at Multiple Sclerosis Headquarters at 6 North Prince Street in Lancaster.

pletely vindicated from any charge of personal prejudice and, secondly, the exhibitor is following a breeding schedule that not only insures him of bigger milk checks but also that he'll be producing much sought after calves.

Opening day of the PAA will see judging of FFA and 4-H entries only while the regular breed shows will be conducted on succeeding days, Brown Swiss and Milking Shorthorn on Tuesday, Ayrshire and Guernsey on Wednesday and Jersey and Holstein on Thursday. Judging starts each day at 9 a.m. in the Main Arena at the Farm Show.

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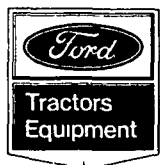
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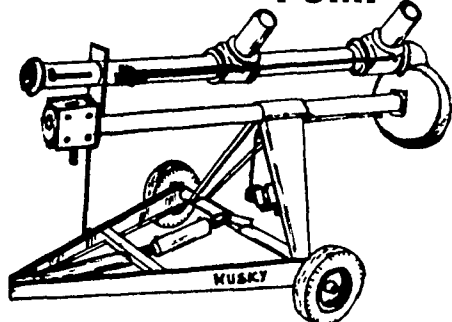
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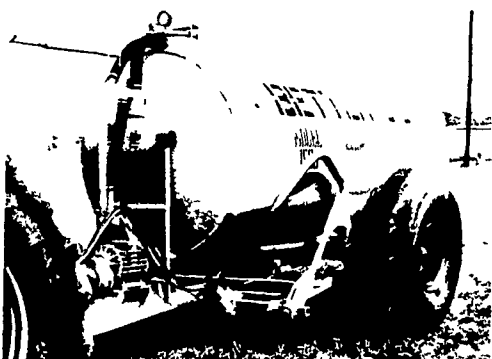
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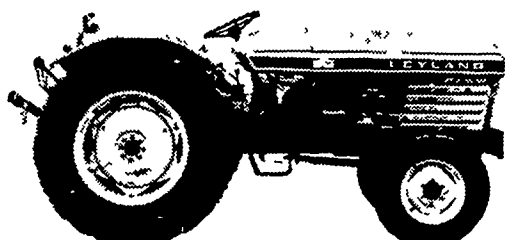


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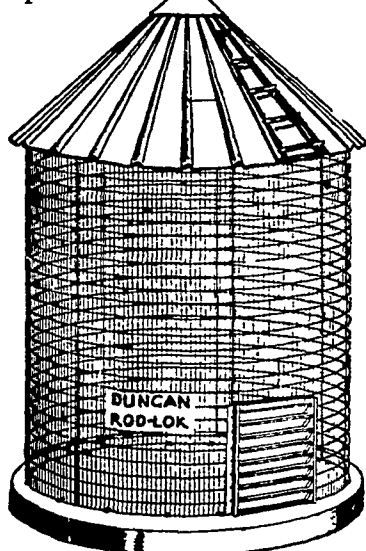
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Area Students on Hort Show Committees

The 60th Annual Horticulture Show will be featured during Homecoming Weekend, September 29 and 30, at The Pennsylvania State University. Built around the theme, "Horticulture In and Around the Home," the

show is planned and produced by members of the Penn State Horticulture Club.

The show will be held in the Ice Pavilion September 29 from 10 a.m. to 8 p.m. and September 30 from 10 a.m. to 4 p.m.

A Homecoming tradition, the event climaxes the year's work. The executive committee was selected in November and started planning immediately. Exhibit chairmen were chosen soon afterward. All exhibits were designed by the New Year. Soon after, the sales managers had much of the plant material ordered.

Before the students went home for the summer, most of the construction was completed. Working closely with the Club were its advisors, Peter B. Pfahl, associate professor of floriculture, and Marvin H. Runner, instructor in horticulture.

The executive committee is headed by John R. Norris, senior from Valencia. Assistant manager is Robin P. Buss, senior from Bath. Construction manager is Darrel J. Oakes, senior from Lyndonville, New York. Louis W. Korb, senior from Honesdale, is exhibit coordinator.

Exhibit chairmen are John T. Puskar, senior from United, Robert C. Wilson, sophomore from Kennett Square, Leigh W. Lepper, sophomore from Bethel Park, Karen L. Smith, junior from Port Matilda, Joseph S. Zagorski, sophomore from Philadelphia, Thomas G. Bedger, junior from Philadelphia, Thomas G. Bedger, junior from Indiana, and Dennis C. Lueck, senior from Lancaster.

Sales co-managers are Steven C. Taylor, senior from Altoona, and Thomas E. Bebout, junior from Venetia. The sales assistants are Sharon L. Nichols,

junior from York, and James H. Wech, junior from Stillwater. Joseph C. Bowman, sophomore from Kutztown, is in charge of corsages. John D. Piper, junior

from Hanover, is in charge of publicity.

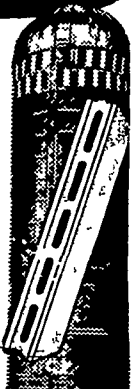
The Penn State Horticulture Show will include a self-service garden center featuring cider, corsages, apples, apple butter, honey, pumpkins, various foliage plants, African violets, and mums. In addition, plants used in the exhibits will go on sale September 30 at 4 p.m.

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Improve House and Grounds By Mail

Practical ideas for making homes more livable and home grounds more attractive are offered in a Pennsylvania State University correspondence course called "Improving House and Grounds."

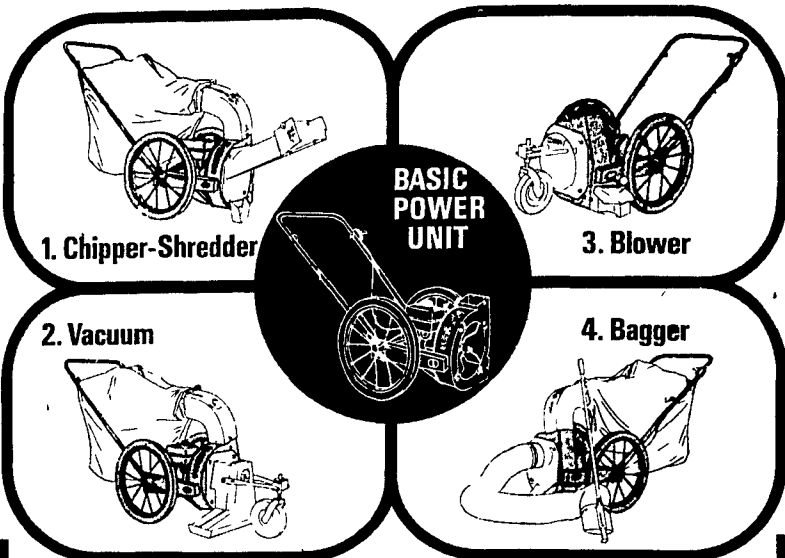
Floor plans feature convenient arrangements for kitchen and bathroom equipment. One section of the course points out hazardous places in a house and gives suggestions to prevent accidents.

Whether a house is old or new, the course helps solve storage problems. Diagrams show where and how to install step shelves, half shelves, vertical files, and

drawer dividers for more efficient use of space.

The home grounds section describes how to grade and seed lawns; how to lay stepping stone walks, and lists kinds of trees, shrubs, and flowers to plant for attractive home grounds.

Anyone may obtain the complete course by sending \$2.80 to Correspondence Courses, Box 5000, University Park, Pennsylvania 16802. Ask for Course Number 115. Make check or money order payable to The Pennsylvania State University.



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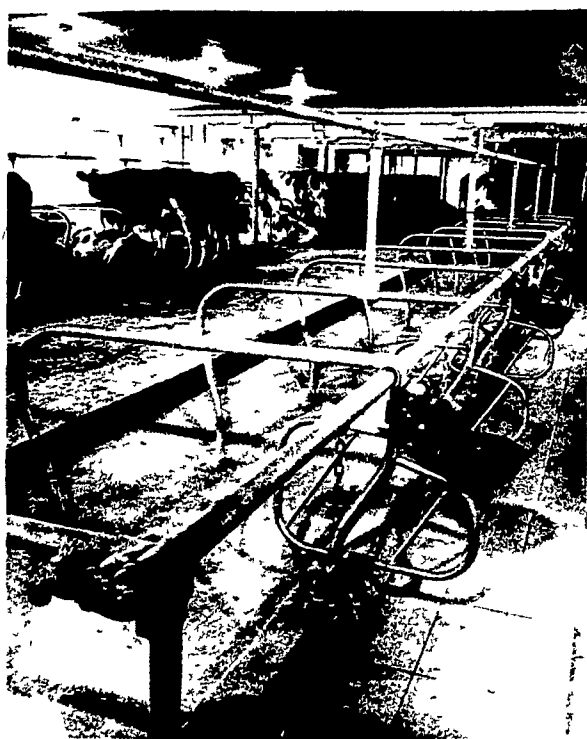
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14021 002	14	4 hole	4.39 3.39
14022 002	14	4 hole (short)	4.39 3.39
14023 002	14	3 hole	4.69 3.69
14024 002	14	4 hole	4.69 3.69
14025 002	14	4 hole (short)	4.69 3.69

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14020 002	14	3 hole	4.19 3.19
14021 002	14	4 hole	4.39 3.39
14022 002	14	4 hole (short)	4.39 3.39
14023 002	14	3 hole	4.69 3.69
14024 002	14	4 hole	4.69 3.69
14025 002	14	4 hole (short)	4.69 3.69

For Allis Chalmers
(Uses 3/4" Clip head bolt)

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14018 002	All 14	4 hole	4.69 3.69
14019 002	All 14	4 hole	4.69 3.69
14020 002	All 14	4 hole	4.69 3.69
14021 002	All 14	4 hole	4.69 3.69

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(Front hole 1/2" all others 3/4" bolts)

Part No.	Qty	Reg.	Sale
14019 002	14	4 hole	4.69 3.69
14020 002	14	4 hole (short)	4.69 3.69
14021 002	14	4 hole	4.69 3.69
14022 002	14	4 hole (short)	4.69 3.69

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For wheat, oats, barley, rye, corn, grain sorghum, soybeans, and rice. Capable of testing a grain sample in less than a minute. Operates on a six volt, leak-proof battery. Contains no vacuum tubes or critical components that need professional servicing. Each grain above has its own dial plate furnished, calibrated to read directly in percent moisture 23925-102

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SAVE 15⁰⁰

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Injectable

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Easy to use Cartridge

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Stk. No.	Make and Model	Size	Mfg. No.	Reg.	SALE
16007 002	A-C	14 or 16	324940	3.99	3.19
16053 002	A-C (375 Series)	14 or 16	340971	5.29	4.29
16083 002	A-C (387 Series)	14 or 16	347649	4.89	3.89
16008 002	Case	14 or 16	W105485	3.99	3.19
16009 002	Ford Economy	12	104403	3.99	3.19
16084 002	David Brown	14 or 16	HS105	4.39	3.39
16010 002	John Deere RH	14	8195A	3.99	3.19
16011 002	John Deere RH	16	8196A	4.29	3.29
16012 002	IHC (S.C.)	14 or 16	522325R	4.29	3.29
16772 243	IHC (P.C.)	14 or 16	515480	4.99	3.99
16789 243	IHC Super P.C.	14 or 16	522325R1	4.69	3.69
16091 002	IHC (TF Series)	14 or 16		4.59	3.59
16013 002	Massey Ferguson	14 or 16	660 020 MP1	4.09	3.19
16783 263	M.F.	14 or 16	475191	4.99	3.99
16787 263	M.F. (88 Series)	14 or 16		4.59	3.59
16786 263	Mpls. Moline	14 or 16	20P40	4.39	3.39
16015 002	Oliver	12	7488(nor)	3.99	3.19
16016 002	Oliver	12	74908(wide)	3.99	3.19

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50 lb. Bag

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Homestead Notes

Pat Erway, Editor



Mary Anne Hune, Exchange 4-H'er

IFYE Program Helping to Achieve Peace Through Understanding

By Sally Bair
Feature Writer

Mary Anne Aune is spending six months getting to know the people of the United States in a way that most Americans never will. Twenty-two year old Mary Anne is from Norway and is visiting farm families in Pennsylvania and South Dakota through the International Farm Youth Exchange (IFYE) program, sponsored by the National 4-H Club Foundation, and coordinated locally by Penn State Extension.

She's pretty, intelligent, interested in everything around her and is making a great many friends for her native country. Mary Anne speaks English almost like a native, with just a touch of a soft, melodic accent to distinguish her speech. She understands questions easily and responds thoughtfully.

The motto of the IFYE program is "to learn another way of life by living it," and Mary Anne is about half way through the six months she will spend here living and working with farm families.

South Dakota was her first home, then she came to Fulton County in Pennsylvania and after



Mary Anne enjoys a ride with her host brother and sisters. (left to right): Brian, six weeks in Lancaster she will go to Susquehanna County.

Mary Anne, Daphne and Natalie.

Mary Anne says that Norway is about 1-28th the size of the United States, or twice the size of Pennsylvania, and has about 3.9 million citizens. She hails from Gvarv in southern Norway, and describes her township as having nearly 4,000 people. Her father is in the heating and plumbing business and she has one sister who is 14.

A 4-H'er for seven years in Norway, Mary Anne is visiting here with the Chester Immel, Jr. family, Lititz RD3, whose children are very active in the Broken Bit 4-H Horse Club. The Immel family is very enthusiastic about their visitor. Mrs. Immel said, "She is just wonderful. We've really learned a lot about Norway and their customs. We never knew much about it before. She is our first international guest and we have thoroughly enjoyed her visit."

A highlight of her visit with the Immels, who raise horses to show, has been to learn to ride a horse, under the watchful eye of 16-year-old Natalie. She has attended several horse shows with the Immels - a new experience for her - and says, "Very few people in Norway have horses just for pleasure."

Mary Anne said that Norwegians have lots of opportunity to learn about the United States - in school, through movies and television, and added, "I expected big farms, nice fields, big cities and a big country - I really was not surprised about it when I saw it." She added that she had heard that Americans were very friendly, and she has found that to be true everywhere.

Norway lays about the same geographically as Alaska, and is very mountainous. There is snow year round in the mountains, but the temperature where Mary Anne lives is about 68-86 degrees in the summer. "Eighty-six degrees would be very hot for us," she said.

In South Dakota Mary Anne lived on two beef farms, one hog farm and lived in a town. The farms in South Dakota were somewhat larger than here, and she said it got quite hot, but generally the weather was "nice."

While the growing season in Norway is considered to be from May to October, Mary Anne said, "Our weather is more changeable than here. It may rain, then be sunny right away."

Although Mary Anne is a town girl, she answers questions about farming in Norway readily. About 10 percent of the population of Norway is farmers, she says, and there is a variety of types of farms. Barley, oats, potatoes and hay varieties are the main crops, and corn is not grown. "We have much good machinery," Mary Anne says, but added, "There are many hillsides which are very steep and where machinery cannot be used for harvesting."

Mary Anne is now an assistant leader in a 4-H club of 32 members. She said that 4-H in Norway is "not as large a program" as here, and even though they have a variety of projects, there are some available here which are unknown in Norway, such as horse projects. Their clubs are not specialized, but offer a

variety of projects, much like our community clubs.

She said there are no 4-H fairs, but they do have achievement days at the end of the summer where projects must be displayed. She said this is a little more elaborate than a round-up here, because each member is assigned a desk top or similar space which he must use to show off his project to its best advantage. Her example was that a member with a baking project might exhibit three different things, but would also cover the space with appropriate cloth and add flowers and other touches which would make the project look appealing.

Mary Anne had vegetables, baking, sewing and two junior leader projects as a 4-H'er. She said she felt their junior leader project was a little more demanding in that in addition to regular duties in assisting members and leaders, they each were required to lead a specific event, such as a night of hosting visitors to a club affair.

She added that members seldom take more than two projects a year. They work toward small trophies in similar projects in two consecutive years, and at the end of their 4-H work they receive a trophy if they have completed projects regularly.

At their achievement day when they exhibit projects, members receive merit ribbons for their placings, but also receive a silver spoon for exhibiting. "This is a kind of reward, and you can collect a nice set while in 4-H," Mary Anne commented.

Norwegian clubs frequently go together to have camps, which last four to five days. "In addition we try to set aside one day every winter and one day every summer for a group event. In the summer we might take a trip on the mountain, and bring our own food, and in the winter we might go skiing one day." She explained that when they go to the mountains they have recreation, and one event they usually have is a sort of scavenger hunt where members are asked to identify certain plants in the woods in a set amount of time. "Mostly the days are set aside just as a time to be together for fun," Mary Anne says.

About eating habits Mary Anne said, "We use much of the same things, but the preparation of the foods is different in Norway. We have one hot meal a day, and at the other two meals we have open-faced sandwiches. There will be a basket of sliced bread (our bread is not a lot darker, but it is heavier), and a lot of things to put on the bread for sandwiches." There is more fish in the diet because of Norway's long coastline - herring, cod and

(Continued On Page 28)



The IFYE program is not just one big vacation! IFYE's help in the house or on the farm. Here Mary Anne runs the vacuum cleaner. Note the impressive display of ribbons in the background!

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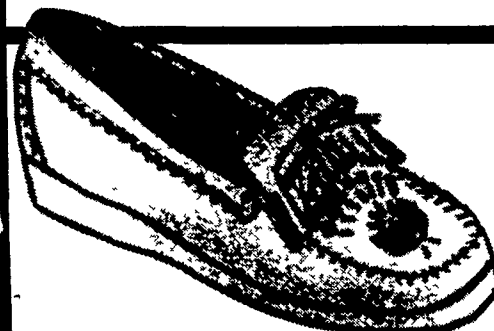
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Infants' & Childs' Sizes: - 6 to 8½



59¢

IFYE Program Helping

(Continued From Page 26)

salmon are a few of the favorites. "Sour cream is used with the fish a lot," Mary Anne says. When asked about the

American's habit of eating at fast food drive-ins, Mary Anne said, "I like them."

Pies and chocolate chip cookies were two of the food items which Mary Anne found completely

new.

The predominant religion in Norway is protestant, primarily Lutheran, according to Mary Anne. She said it is interesting to her that here "people really really dress up to go to church - with makeup, like they are going to a party." Mary Anne said she feels fewer people in Norway worship regularly, but those who do "really want to go to church. Often here I have the feeling that people here go just because of custom."

Mary Anne said that when students are through with their high school in Norway they are "on the same level" as students here. After the first nine years, there are three years of high school. One difference she noted, "Students in high school in the U. S. have more freedom of choice about what subjects they will study. In Norway, we choose a general area of study, such as language, economics or business and then follow a prescribed schedule of classes." While education is free, students must buy their own textbooks, according to Mary Anne.

Mary Anne studied economics and business administration for two years after high school, and worked in a socialized medical office. Mary Anne explained that medicine is socialized in Norway so patients pay only a nominal fee for treatment. Her job was to keep records and assist patients who had been ill and out of work and who needed money.

Mary Anne carries a slide camera and a movie camera and takes lots of pictures so that she doesn't miss anything. While she enjoys taking pictures and will use the slides for talks when she returns to Norway, she admits, "I get tired of carrying them around."

Mary Anne's English is exceptional, and there is very little she doesn't comprehend. She studied it for eight years, but had little opportunity to speak it before her visit here. "The problem with languages is that you don't speak them in school, and you're too worried about learning for exams to practice using it," she said. She also studied German and French, and has been able to get some use out of them in her travels to eight European countries.

But there are times where her English fails her. Mrs. Immel said Mary Anne was really confused the first time someone said something "was running around like a chicken with its

head cut off." And 10 year old Daphne added that she didn't understand, "holy cats!"

Brian, 11, said that seeing the Goodyear blimp was unusual for Mary Anne who didn't know what it was. The family took her to the airport for a closer look and lots of pictures.

Although Mary Anne has been in Lancaster just three weeks, she has already visited many interesting things - the Amish country, Rutt's Auction and the New Holland Auction, Wheatland and the Central Market, and she visited Philadelphia one day with assistant Home Economist Anne Hinkel.

Markets are not unusual for Mary Anne because there are many in Norway, but Central Market was interesting because it was indoors and there was such a wide variety of produce and merchandise.

Mary Anne had never known the Amish before, so she found them and their history particularly fascinating. She said, "There are more different types of people in Lancaster than in South Dakota." The Indians in South Dakota were also of great interest to her.

Differences between the two cultures are not really so great, according to Mary Anne. Fashions are about the same, although she said, "I have never seen the halter tops in Norway. I think the clothing here may be more colorful, particularly among older people."

Television is very common in Norwegian homes except

possibly for the northern regions where the mountains make transmitting difficult. One difference in home decorating, she said, "Your living rooms seem to have more tables and lamps. We have one big coffee table where we take coffee."

Mrs. Immel summed up the essence of the IFYE program, and showed the spirit of Mary Anne's visit when she said, "She's been lots of fun, just like one of the family. We wish she'd be here longer."

On Sunday Mary Anne will be guest of honor at a picnic at the Neffsville Community Park where she will meet former IFYEs residing in the county and families which have hosted other IFYE visitors to the county.

It will also mark the halfway point of her stay here and she will be saying good bye to the Immels and greeting her new host family, the Fred Criders of Nottingham RD2.

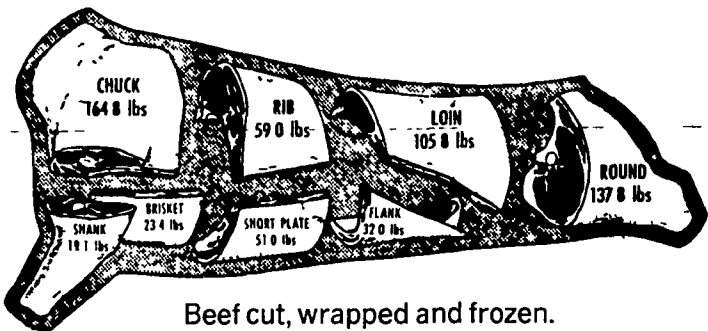
Mary Anne has brought a lot of knowledge and laughter to her host families and those who have met her. By the same token she has gained a better understanding about the United States and about Lancaster County specifically.

Through this once-in-a-lifetime opportunity Mary Anne and her host families have made a sizeable contribution to achieving peace through understanding.

The words "let there be peace on earth and let it begin with me" will have special meaning for those who have been involved with the IFYE exchange.

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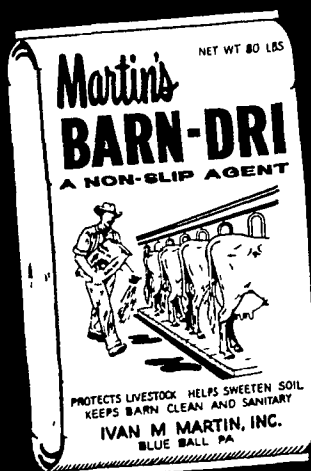
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CALENDAR OF EVENTS

TUESDAY, SEPT. 25

Machinery Exhibits Open	4:30 P.M.
Adult Tractor Driving Contest	5:30 P.M.
Crop Exhibits Received	6-9:00 P.M.
Pig Chase	8:00 P.M.

WEDNESDAY, SEPT. 26

Poultry Judging	10:00 A.M.
Cloister FFA Tractor Driving Contest	2:00 P.M.
Sheep Show Judging	4:30 P.M.
Street Fair Parade	7:00 P.M.

THURSDAY, SEPT. 27

Swine Show Judging	4:30 P.M.
FFA & 4-H Baby Beef Judging	7:30 P.M.

FRIDAY, SEPT. 28

Cow Milking Contest	7:00 P.M.
Junior Dairy Cattle Show Judging	7:30 P.M.

SATURDAY, SEPT. 29

Hog Sale	9:30 P.M.
Area FFA Tractor Driving Contest	10:00 A.M.
Exhibits Close	1:00 P.M.



Ladies, Have You Heard?



By Doris Thomas,
Extension Home Economist

Doris Thomas

Casseroles Can Be A Questionable Economy

Serving casserole dishes instead of meat may save you money. But this is not always the case. Casseroles can be a questionable economy.

If you add up the cost of making some casseroles, you may be surprised to find they're actually more expensive than a cut of meat. Take for example casseroles that include con-

densed soups, sour cream, or such exotic ingredients as water chestnuts, mushrooms, nuts, mandarin oranges or lots of some special cheese. All these good things help make a casserole taste better, but they also take it out of the low price category.

On the other hand, you can really save on food costs when you expand protein foods such as meat, poultry and fish with low-cost noodles, spaghetti, rice or

beans.

How can you tell whether or not the casserole you plan to make is really an economy? To make cost comparisons, add up the cost of every one of the ingredients. Then divide your total by the number of servings you get from the dish. You can consider anything under 20 cents a serving economical. But if the price goes much beyond that figure, you may find some meats would actually cost you less, served without all the extras—and the extra work—that went into that casserole.

Right now you see a lot of advertising about prepared products that you can use to make main dishes. Usually they contain everything needed except the meat. Yet they are supposed to be the key ingredients to inexpensive meal-making.

But are these main dish "kits" really economical. Quite probably not. If you take the price of the packaged preparation and add to that the cost of the meat you must add, you usually spend more than if you started making the dish from scratch. True, the packaged product is more convenient. It

may even be a bit more tasty, if you're the kind of cook who's afraid to experiment. But expect to pay extra for the convenience.

On the other hand, if you take your own ingredients, your own noodles, macaroni, potatoes or whatever else you intend to use to extend the meat in the dish, you will probably find that you have made a definite savings. For example, your own macaroni and seasonings may cost you some 45 cents, whereas, somebody else's mixture may cost you as much as 69 cents. A savings of 24 cents is certainly worth considering, when you take into account today's food costs.

It pays to stop and think about prepared casserole dishes and expensive casserole ingredients before you decide to make a certain dish. Don't be afraid to be an adventuresome cook. Put your own ingredients together to make the meat stretch.

Keep Your House Healthy

Curing a sick house—one that has a serious case of decay or insect damage—can be a big job. The best solution is to select a healthy house and keep it that way.

But if you are a typical home buyer or owner, you can't tell if the house is likely to outlive the mortgage without costly repairs.

What can you do? One thing is to get a copy of a new booklet from the United States Department of Agriculture called "Finding and Keeping a Healthy House." The 20-page booklet provides tips on good design, where to look for signs of decay and insect damage and some things to do to put your house in good condition and maintain its good health.

Color illustrations and line drawings in the booklet can help you identify various destructive insects and the damage they do and other conditions that can lead to costly repairs. Wood decay and water damage are quite common.

The booklet, "Finding and

Chester Extension Preparing Workshops

"Stretching Your Food Dollar", with hints for planning nutritious meals featuring budget recipes, is the subject of three upcoming meetings for Chester County homemakers sponsored by the Chester County Extension Service.

The first meeting will be from 10 a.m. to 12 Noon Wednesday, September 26 at the YWCA in Coatesville. The second meeting will be from 10 a.m. to Noon Thursday, October 18 at the Chester County Housing Authority in West Chester, with the third meeting to be in the Avondale-West Grove area. Date, time and place for the third meeting will be announced at a later time.

The Extension Service would appreciate your help in planning for future workshops. Tentative workshop areas now include: Beginning Sewing; Intermediate Sewing; Advance Sewing; Tailoring; Men's Knit Jacket; Men's Knit Slacks; Upholstery; Chair Caning. There is a nominal fee for each of these workshops. You may indicate your interest in any of these areas by writing: Chester County Extension Service, Room 402 North Wing, Courthouse, West Chester, PA 19380.

The Extension Service is also interested in hearing suggestions on workshops from you. You may contact them at the above address with your suggestions.

Keeping a Healthy House" also provides a checklist to help a buyer as well as an owner make a thorough inspection of a house.

You can get a copy of the booklet: Finding and Keeping a Healthy House, by writing to the Southern Forest Experiment Station, 701 Loyola Avenue, New Orleans, Louisiana 70113.



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Recipe Exchange. . .

Home on the Range

There are still many fresh foods available to us either in our gardens or in the markets. How could we possibly overlook the apples, pumpkins, and sweet potatoes, for instance. This week we'll take a look at some recipes for those staples.

Do any of you have any particular pet methods for keeping sweet potatoes over winter? Seems many of us have basements which are too warm to keep crops like we once had.

Did you know sweet potatoes freeze very well? Cook them until nearly soft with the skins on. Skin them, cool, box in whatever portions suit your size family and freeze. They are a handy item to have on hand, not too much work to getting out a box and preparing. And besides, this keeps them without risking waste if you don't have a good place to store them otherwise.

What other recipes might you have for all of us to read and enjoy? Send your choice to: Recipes, Lancaster Farming, Box 266, Lititz, PA 17543.

xxx Pumpkin Pie

1 pint milk
1½ cups cooked pumpkin (mashed)
½ cup brown sugar
½ cup granulated sugar
¼ cup flour
½ teaspoon cinnamon
½ teaspoon nutmeg
1 large egg, beaten
½ cup coconut
Beat all ingredients together

and pour in unbaked pie shell.
Mrs. Aaron Zimmerman
RD1
East Earl

xxx Pumpkin Pie

3 cups mashed pumpkin
3 eggs, beaten
2 cups brown sugar
3 tablespoons cornstarch
3 tablespoons brown butter
3 tablespoons molasses
1½ teaspoons cinnamon
3 cups milk

Bake at 450 degrees for five minutes; reduce heat to 325, bake until filling is firm.

Janice Weiler
RD2
Manheim

xxx Sweet Potato Croquettes

1 quart mashed sweet potatoes
1 tablespoon flour
2 eggs
Pinch of salt
Butter size of one-half walnut
½ tablespoon sugar
1 cup cracker crumbs
Make little cakes. Keep some cracker crumbs to put over cakes. Fry in a deep lard.

Miss Ellen Hoover
RD1
Leola

xxx Raw Apple Cake

1½ cups salad oil
2 cups sugar
3 eggs
3 cups flour
1 teaspoon salt
1 teaspoon soda
3 large apples, chopped
2 teaspoons vanilla

1 cup nuts, or black walnut flavor
Gradually add oil to sugar and eggs, mixing thoroughly. Combine with dry ingredients. Add apples, nuts and vanilla. Bake at 325 degrees 45 minutes to 1 hour. Glaze when warm with:

Frosting

1 stick butter
1 cup brown sugar
4 tablespoons milk
Cook five minutes and add ½ cup 10X sugar after removing from stove.

M. Stoltzfus
RD1
Gap

xxx Pumpkin Bread

Beat:
1 cup vegetable oil
3 cups sugar
4 eggs
1½ teaspoons salt
1 teaspoon cinnamon
1 teaspoon nutmeg
Add:

1 cup pumpkin
2 teaspoons soda
2-3 cup water
3 cups flour
Grease and flour coffee cans. Fill equally. Bake at 350 degrees for 1 hour.

Miss Emma Shirk
RD2
East Earl

xxx
Ruby Red Apple Dessert
4 large cooking apples, pared,

cup up (about 4 cups)
¼ lemon, cut up and seeded
2 cups water
1 3-5 oz. envelope cherry flavored dietary gelatin
1 teaspoon liquid non-caloric sweetener
Put about 2 cups apple pieces, half the lemon and one cup water in blender, cover and run on speed four (or high) until apples are chopped. Empty into a saucepan and repeat process with remaining apple, lemon and water. Cook 10 minutes. Add gelatin and sweetener. Cool. About 50 calories per serving.

Mrs. Betty L. Jordan
RD2
Felton

xxx German Raw Apple Cake

½ cup shortening
½ cup brown sugar
1 cup white sugar
2 eggs
2¼ cups cake flour
¼ teaspoon salt
2 level teaspoons cinnamon
2 level teaspoons baking soda
1 cup sour milk (or buttermilk)
2 cups raw diced apples
Sift flour, salt and cinnamon. Cream shortening. Add sugars

and eggs. Mix soda into milk, then alternate flour mixture and sour milk to rest of batter. Fold in apples. Bake at 375 degrees for 35 minutes.

Top with:

½ cup brown sugar
¼ cup white sugar
½ cup chopped nuts
½ teaspoon cinnamon
Mix and sprinkle on top.

xxx

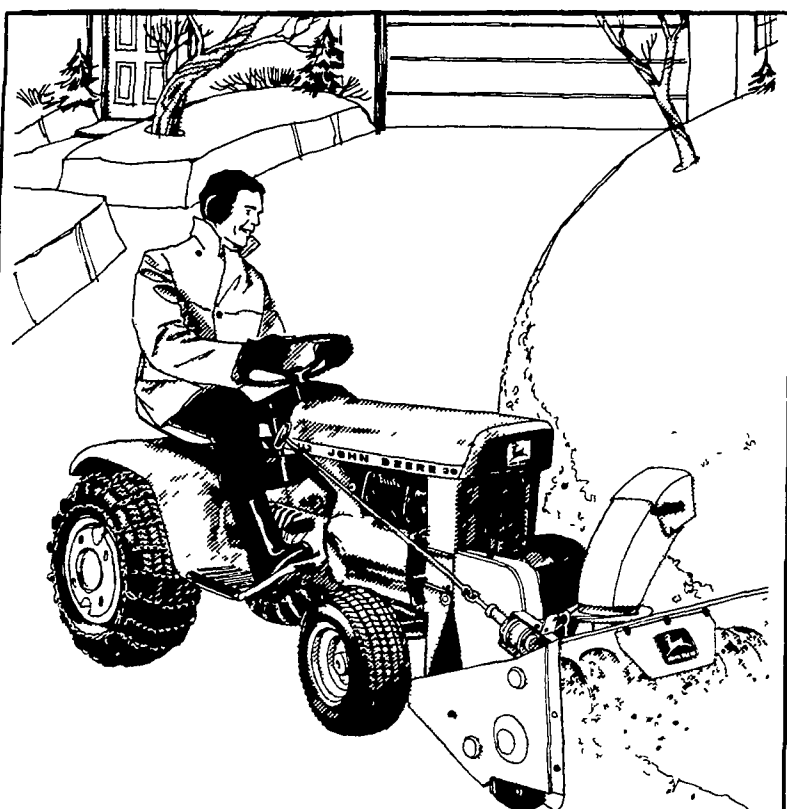
Apple Salad

3 medium sized apples, cut fine
4 or 5 bananas, cut fine
Small marshmallows
Raisins
Mix and add as much dressing as needed.

Dressing

½ cup cream, sour or sweet
½ cup milk
1 tablespoon butter
1-3 cup granulated sugar
2 tablespoons flour, or enough to thicken
1 tablespoon vinegar (less if real sour)
¼ teaspoon salt
Little pepper or prepared mustard
1 egg, beaten in vinegar, and

(Continued On Page 31)



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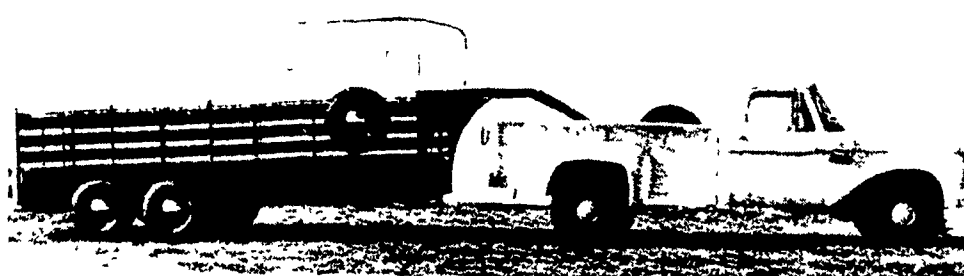
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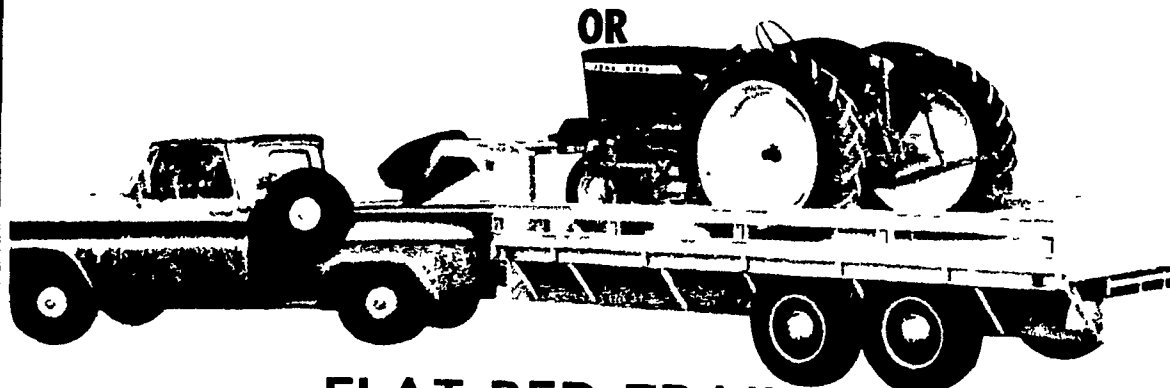
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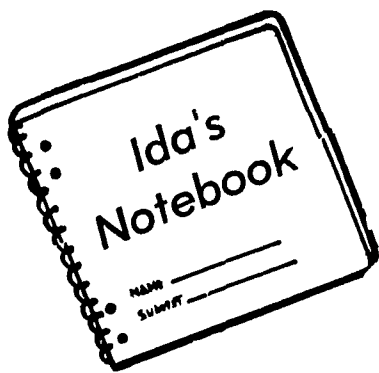
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Ida Risser

Tomorrow is the first day of fall according to the calendars, although I don't need an almanac to tell me the mornings are cool and the corn is turning brown as it is harvested and stored in the silos.

As I come home from my three trips to the bus each morning, I notice the dark reddish-purple berries on the pokeweed. When a child, I gathered them and

pressed out the juice to make a pretty pink ink. Nowadays, there would be a big hunt before we could even find a pen to dip into the ink as mostly ballpoint pens are used instead of fountain pens. Soon it will be time to gather walnuts and dry them so we'll have some for cookies to fill those school lunch boxes. Maybe this season will give us a rest from all that gardening activity.

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At Home On The Range

(Continued From Page 30)
added after taking from heat.
Annie Beiler
RD1 Gap

xxx

Fried Cucumbers

2 tablespoons butter
2 tablespoons chopped onion
4 large cucumbers, sliced
¼ cup water
½ cup sour cream
1 egg yolk
2 tablespoons sugar
3 tablespoons vinegar
1½ teaspoons salt
½ teaspoon pepper
½ teaspoon paprika

Melt butter, add onions and fry until a delicate brown. Add sliced cucumbers and water. Cook until water is absorbed and cucumbers browned. Mix sour cream, beaten egg yolks, sugar, vinegar, salt, pepper, and paprika. Add to cucumbers and cook slowly until mixture begins to boil. Serves 6.

Linda Hoover

Varsailles, Missouri

xxx

Pumpkin Bread

3 cups sugar
4 eggs, beaten
3 cups flour
2 teaspoons soda
1 teaspoon cinnamon
1 teaspoon nutmeg
1 cup salad oil
2 cups pumpkin, cooked
2 teaspoons salt
1 teaspoon baking powder
½ teaspoon cloves
1 teaspoon allspice
2-3 cup water
Add nuts if desired
Combine sugar, oil and eggs.

I've just attended my 35th school reunion. Whoops, that gives away my age. Anyway, the point I wanted to make was that when they picked those who had changed the "least" they named three women who each had six children!

The next day I told my children that I was one of the three chosen. One of my daughters deflated my ego by telling me that I probably looked like the mother of six when I graduated!

You know, she might be a bit right, as I had six younger sisters to help look after.

There was a fine turnout as some came from Ohio and New Jersey. We spent the time trying to catch up with events in our classmates' lives. We may not be as fresh and vigorous as in years past, but most of us look ahead to several decades of contributing to the world's well-being

Add pumpkin and mix well. Sift dry ingredients and add to pumpkin mixture. Add water. Beat until well mixed. Pour into greased loaf pan. Bake at 350 degrees for one hour.

xxx

Grape Juice

1 cup grapes
½ cup sugar
Boiling water

Wash grapes and put them in a sterile quart jar. Add sugar and fill jar with boiling water. Stir with a silver spoon to dissolve sugar. If silver spoon is placed in jar before boiling water is added, it will keep jar from cracking.

Place closed jar in boiling water. Boil for five minutes.

Juice must be strained when jar is opened.

Ruth Martin

RD2

Fleetwood

xxx

Grape Butter

Equal amounts of blue grapes and sugar.

Wash grapes; add sugar and boil together 20 minutes. Press

through strainer and put in jars. This will thicken as it cools.

Mrs. J. D. Weaver

RD2

East Earl

xxx

Grape Juice

Wash grapes, put in kettle and add half water. Cook about 15 minutes. Put in a cloth bag and let the juice drain out

To freeze, let one inch of space to expand.

To prepare, unthaw and add an equal amount of water and sugar to taste.

Mrs. Earl Weiler

RD2

Manheim

xxx

Grape Juice

Take a quart jar and fill it half full of grapes. Then add ½ cup granulated sugar and cold water to neck of the jar. Then cold pack 15 minutes.

This is easy and also a good drink.

Mrs. Aaron Zimmerman

RD1

East Earl

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Register for 1973 Fall Workshops

A selection of fall workshop topics have been planned by the Lancaster County Extension Service, with classes to be filled on a first-come basis. All classes will be held in the Extension Training Center at the Farm and Home Center. The Workshops, times and dates, and registration deadlines are:

Beginning Clothing Construction -- A series of six classes for those persons with little or no sewing experience. Basic fundamentals taught include using a sewing machine, choosing correct pattern size, making pattern alterations, selecting and preparing fabric, layout, correct cutting procedures, and sewing techniques used in a sleeveless, collarless garment. Classes will be held from 7 to 9 a.m. October 22, 29, November 5, 12, 19 and 26.

Cost is \$15. Registration deadline October 15.

Intermediate Clothing Construction -- A series of six classes for the individual who has mastered the basic fundamentals of sewing. Techniques taught include those used in constructing the classic "shirt look"; when and how to use interfacing, simple collar and cuff construction, how to set a sleeve, machine and handmade buttonholes, belts, and working with plaids. Classes will be held from 1 to 3 p.m. October 8, 15, 22, 29, November 5 and 12. Cost, \$15. Registration deadline October 3.

Cutting to Fit -- A series of eight classes designed to teach: altering a basic pattern to fit individual figure problems to perfection, draft basic pattern in pelion, use this basic pelion to

know where to alter commercial patterns and use it to create a variety of garments for your wardrobe. Techniques such as those taught in Beginning and Intermediate Workshops are prerequisites for this course. Cost, \$20. Classes will be held from 9:30 to 11:30 a.m. October 8, 15, 22, 29, November 5, 12, 19 and 26. Registration deadline, October 3.

Advanced Clothing Construction -- A series of five classes presenting dressmaking techniques used on quality fabrics. Learnings include: how to use a designer pattern; when, why and how to underline and line, and couture techniques that produce professional results. Cost \$12.50. Classes will be held from 9:30 to 11:30 a.m. October 9, 13, 20, November 6 and 13. Registration deadline October 3.

Beginning Tailoring -- A series of eight classes presenting the basic principles of construction involved in tailoring a professional looking wool suit or coat. Cost \$20. Classes will be held from 1 to 3 p.m. October 8, 15, 22, 29, November 5, 12, 19 and 26. Registration deadline, October 3.

Sewing with Knits -- A series of eight classes presenting the techniques necessary to achieve professional results when sewing with all types of knits available on today's market including the new sweater knits, swimming suits and basic lingerie. Classes will be held from 9:30 to 11:30 a.m. October 9, 23, 30, November 6, 13, 20, 27 and December 4. Cost, \$20. Registration deadline October 3.

Pants that Fit -- A series of six classes to learn how to draft your own basic pants pattern - designed to flatter your figure, feel comfortable, and fit well; how and when to line; work with

plaids, stripes and border prints; become acquainted with techniques used in constructing pants. Cost \$15. Classes will be held from 9:30 to 11:30 a.m. October 10, 24, 31, November 7, 14 and 21. Registration deadline October 3.

Menswear Clothing Construction -- A series of four classes designed to present professional techniques used to construct men and boys' slacks, shirts, vests and ties, using double knits. Cost \$10. Classes will be held from 9:30 to 11:30 a.m. October 10, 24, 31 and November 7. Registration deadline October 3.

Tailoring Mens' and Boys' Sport Jackets -- A series of four classes presenting techniques which will give professional looking results when constructing sport jackets. Cost \$10. Classes will be held from 1 to 3 p.m. October 10, 24, 31 and November 7, with registration deadline October 3. A second series of classes will be held from 7 to 9 p.m. November 20, 27, December 4 and 11, with registration deadline November 14.

To enroll in any of the above classes, contact: Mrs. Doris Thomas, Extension Home Economist, 1383 Arcadia Road, Room 1, Lancaster, PA 17601, or phone 394-6851.

Bit & Bradoon Club Plans Horse Show

The Bit and Bradoon 4-H Club president called the meeting to order. The pledge was recited by all members and roll was called.

Dues were collected by the treasurer. Project reports were said. The secretary read the minutes from the last meeting. Tim Stauffer read a report.

Money for sponsors for the Horse Show were discussed and money was collected. Unfinished business was last minute assignments to jobs not taken as yet, which are gate tenents, parking advisers, setting up tables, trash cans. It was decided that everyone in the club would clean up.

A meeting was held at Manor View September 17.

The Horse Show is September 30, beginning at 10 a.m. There are 32 classes.

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Farm Women Societies

Society 8

Farm Women Society 8 met last Saturday at the home of Mrs. Warren Heisey, 107 Poplar Street, Mount Joy, with 32 members and three visitors present. Miss Anna Mae Eby, president was in charge of the meeting. Several songs were sung. Devotions were in charge of Mrs. Kathryn Erb.

The minutes were read by Miss Mary Grace Martin, secretary. Mrs. Elizabeth Shuman gave the treasurer's report. Mrs. Viola Greider, sunshine committee, reported notes of appreciation for remembrances in the hospital

from Mrs. Ada Greider and from Mrs. Esther Musser.

During the business session a decision was made to donate \$50 to the Dental Clinic at the Donegal School. The sewing date at the General Hospital is October 30 from 9 a.m. to 2 p.m.

A trip to Penns Cave is planned for Saturday, October 6. A bus will leave from St. Marks Church, Mount Joy, at 7:30 a.m. Mrs. Margaret Heisey, 426-3311, is to be contacted for reservations.

An educational slide presentation was presented by Mrs. Heisey of a trip Mr. and Mrs. Heisey took to the Holy Land. The slides included many scenes in

Rome, Greece and Jordan, the many statues in Rome, the Parthenon and the Coliseum, the Pyramids, Petra, place of the Dead Sea Scrolls and the Dome of the Rock, the scenes of Kibbutz life, Tel Aviv, Temple of Apollo, the Acropolis, Mars Hill, plus the desert and seas.

Hostesses were Katherine Heisey, Mary Reist, Katherine Erb, Elizabeth Newcomer and Ann Shank. Favors were miniature fall arrangements. Hickory Farms provided zesty cheese balls to sample.

Next meeting will be at 2 p.m. October at the home of Mrs. Alice Myers, Mount Joy RD1. Mrs. Martha Gehman will present Home Decorating.

Society 14

Farm Women Society 14 held a food sale which netted \$86 recently at the home of Mrs. Ira L. Herr, Gap. President Mrs. Herr conducted the business meeting assisted by Mrs. J. Clarence Groff, Mrs. Arthur Groff and Mrs. Charles Murray.

One new member, Mrs. Jean Rowe, was installed.

Officers elected for the coming year are: Mrs. James Hall, president; Mrs. John Groff, first vice-president; Mrs. Paul Hostetter, second vice-president; Mrs. Arthur Groff, secretary, and Mrs. Willis Rohrer, treasurer.

Next month Society 14 members will take a trip to McCormick Spices, Baltimore. All reservations must be in by October 1.

Society 31

Farm Women Society 31 met Monday night at the home of Mrs. Mary Witmer. Mrs. Doris Thomas spoke on interior decoration, emphasizing that in

any decorating the most important point is to remember the family living there: make the home comfortable.

Devotions were conducted by Mrs. Witmer. Roll call was naming a favorite type of furniture or color scheme.

It was decided to donate \$25 to the Welsh Mountain Clinic and \$25 to the Solanco Community Health Clinic.

Tickets for the County Convention November 3 at the Lancaster School of the Bible can be purchased from Mrs. Pat Delong for \$3.75. Each Society is to provide two table decorations. Mrs. Nancy Wenger, Mrs. Donna Kreider and Mrs. Carol Trimble will make them.

Forms for the fashion show are to be returned to Mrs. Connie Rutt.

The next meeting will be held at the Mechanic Grove Church of the Brethren October 15, when Society 31 will entertain Society 15. Each member is asked to bring a dessert.

Farm Women Calendar

Saturday, September 22

1:30 p.m. — Farm Women Society 12 meeting, home of Mrs. Willis Glick, Bender Road, Millersville RD1.

Monday, September 24

Farm Women Society 23 entertain Society 7; Dottie Charles, hostess.

Tuesday, September 25

7:30 p.m. — Farm Women Society 27 meeting, home of Mrs. Herbert Frey.

Wednesday, September 26

7:30 p.m. — Farm Women Society 24 meeting; Irene Noffsinger, hostess.

Thursday, September 27

7:30 p.m. — Farm Women Society 26 meeting; Annie Ginder, hostess.

Saturday, September 29

1:30 p.m. — Farm Women Society 5 meeting, St Paul's United Church of Christ, Manheim.
2 p.m. — Farm Women Society 6 meeting, Green Tree Church

Plant Perennials

Many perennials can be planted in September, remind Extension floriculturists at The Pennsylvania State University Iris, peonies, daylilies, hardy bulbs, and phlox are among those which can be set. Try to purchase bulbs locally, or from very nearby mail order firms, so that such plants will have less adjusting to do before winter.

"Cheese, It Gives You Ideas"

Fully powered by national magazine and newspaper ads, radio and TV coverage, the American Dairy Association launches its 28th fall cheese promo in October. The theme is "Cheese, It Gives You Ideas"

Three-dimensional wedge shaped cheese mobiles, cheese locators, mini-banners, and tear-off coupons for the "Cheese Quickies" recipe booklet will all be available to the retailer to help boost cheese sales. The dairy case is not the only place in the store which will sell cheese with these aids, but also related items throughout the store. Some of these include year 'round favorites such as frozen pizza, pizza mix, canned meat, hot dogs, ground beef, as well as newly arriving apples, walnuts, and staples such as lettuce, tomatoes, milk, butter and sour cream.

Growing sales of cheese make one of the most profitable items that the supermarket can carry. While household purchases vary geographically, natural cheese is still the leader in the field, accounting for 57 percent of the cheese volume in the six-month period of April to September, 1972. The Pacific and Northwest areas are the big purchasers of natural cheese while the North Central and Northeast are leaders in the purchase of process cheese.

A kit of point-of-sale materials can be purchased for \$7.00 each. It contains a three-dimensional cheese mobile, four posters and seven price rail strips. For further information send for a free color brochure that illustrates the materials and provides sales data on cheese. Write to: Order Service Division, American Dairy Association, 6300 No. River Road, Rosemont, Illinois 60018



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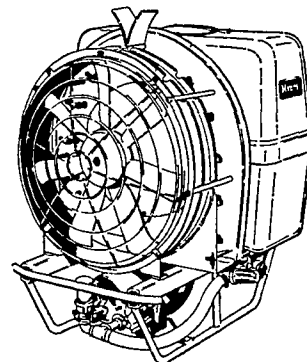
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ATHLETES AND NUTRITION

Athletes and athletic coaches are just as susceptible as other people to falling for food faddism. In fact, they may be even more susceptible since athletic performance is equated with physical health and, if one is ignorant of the basics of nutrition, it is easy to succumb to "quick results" schemes and "miracle" ideas.

As a physician in charge of a university's health services and as team physician for one of the Big Ten football teams, I have observed that things are better than they used to be. Coaches are learning more of the facts of nutrition science. But around the country there still are a lot of coaches and athletes subscribing to "weird" ideas, special foods and special diets.

No Miracle Foods

The fact is, there simply are no miracle foods, or food components, or mixtures of special foods that are going to improve an athlete's performance. He needs the same foods that are recommended for everybody else. If the athlete follows the four-food-group pattern — milk, meat, fruits and vegetables, enriched or whole grain breads and cereals — he'll

be fine.

The young athlete needs them, of course, in greater quantities because he's using up greater amounts of energy at the same time that he is in a period of physical growth that may be critical.

Nutrient-wise, the diet that will provide the best performance contains approximately 15 percent of his calories from protein, 40 percent from fat, and 45 percent from carbohydrate — the same as the average American eats every day. Higher protein diets cause problems, especially when the weather is hot and water is limited. A pure carbohydrate diet results in difficulties including the athlete being unable to retain water. And too high a fat content in the diet, particularly in cold weather, causes problems too technical to discuss here, but real nevertheless.

Some coaches like to "spook" their athletes with special supplements such as wheat germ, tiger's milk — that sort of thing. They are perfectly sincere but if there is value in such practice it may be more in terms of "psyching" a boy rather than improving his nutrition. We know from U.S. Army nutrition research and survival tests that I was associated with that notions not based on scientific fact are useless and sometimes dangerous.

My Pet Peeves

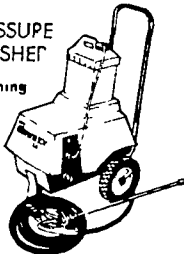
I also have a pet peeve about athletes eating differently on game day. Players have their regular breakfast and lunch on practice days. So why not on game day? Why upset the body's normal metabolic habits by observing a different eating pattern on game day? The only real caution necessary is that obviously one does not eat immediately before a game. That, of course, would be foolish. But athletes should stick as close to their everyday eating patterns as possible for best performance.

When painting window screens try using a small piece of an old rag instead of a brush. The holes in the screen will not fill up and work goes faster and smoother, too.

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Preventing Accidental Poisonings

When children are too young to understand safety hazards, James E. Van Horn, Extension family life specialist at The Pennsylvania State University, says it's best to simply keep poisons where they can't be reached.

Van Horn suggests you lock them in a cabinet or closet. If there isn't room to lock them up, store them in high cupboards, well above a child's reach, even when he learns to climb. If they are out of sight, they won't excite the child's curiosity about the "pretty bottle" or the "blue and red pills."

When you are using a cleaner or other poison and must leave the room, Van Horn urges you to take the container with you. Then you know your child is not eating or drinking what's inside.

Children learn by imitating

adults. If they see their mother or father taking aspirin, or other medicine, they may do the same thing. Taking medicine is better done out of sight of the children.

If your children have medicine to take, call pills or liquids by their names, advises Van Horn. Some parents try to make taking

medicine easier by saying that it "tastes good," or that it is "candy." But the child may believe this story so much that he'll come back later to swallow all of it.

When using a recipe that calls for oil and honey, molasses or anything sticky, measure the oil first and then the sticky stuff will slide right out of the measuring cup.

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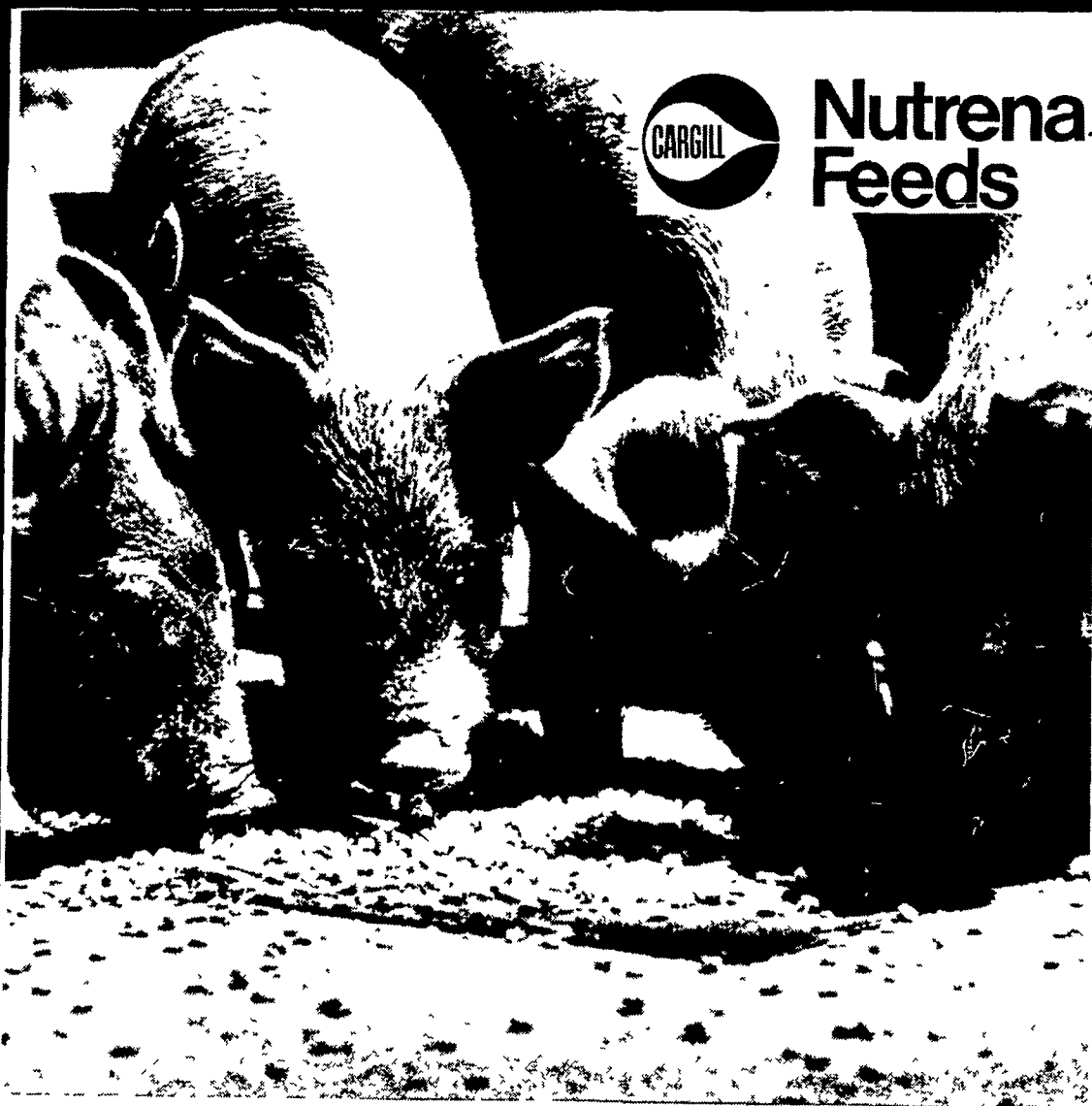
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Entertaining Made Easy

To describe entertaining possibilities is like trying to get a shoe that fits everyone. A plan which fits your schedule may be the opposite of your neighbor's plan. You are you and Mrs. Wealthy is someone else. Your friends enjoy you because you are you, so build on your assets.

Simplicity and informality of life today makes entertaining less demanding. However, do not mistake casualness for carelessness. Whether barbecue or banquet, entertaining should have several things in common: Good food attractively served, pleasant surroundings arranged for the comfort of guests, a note

of festivity in the air, and a gathering of persons who share common interests.

For those who are looking for new entertaining ideas and would like to relax and enjoy their own parties, The Pennsylvania State University offers a course titled "Guides to Entertaining." The course is designed to give you confidence and the know-how to make your entertaining successful.

You'll find ideas for food to serve, decorations, and management. Correct forms for invitations, clothes for the occasion, good grooming practices, and etiquette are included.

One lesson in the course is titled quick and easy meals. There you'll find suggested combinations of foods for quick meals when guests drop in, and foods that can be successfully prepared ahead.

To get the course, send \$4.40 to Guides for Entertaining, Box 5000, University Park, Pennsylvania 16802. Make check or money order payable to Penn State.

Urges Crop Rotation

James H. Eakin, Jr., Extension agronomist at The Pennsylvania State University, emphasizes that good crop rotation should provide for a least a third of the crop land to be in sod at all times, and the fields fertilized according to the rotation used. Every acre of cropland needs an annual application of fertilizer.

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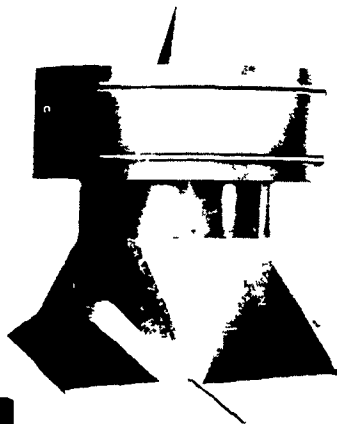
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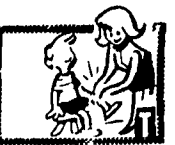
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FAMILY HEALTH



Protect Your Child Against Childhood Diseases



For many years parents feared that their children would come in contact with those dreaded childhood diseases—measles, diphtheria, tetanus, whooping cough, rubella, mumps and polio. Then, through the discovery of vaccines and the availability of immunization programs, parents were able to protect their children.

Unfortunately, when the number of children with the diseases dropped—parents became lax. As a result, there has been an alarming increase in the diseases since 1969.

"Most parents wait until an outbreak occurs before they check their children's vaccination records," said Dr. Jack Wolfie, of The Equitable Life Assurance Society of the U.S. "A child's immunization program should begin when he is two months old and continue at specific intervals until he reaches his teen-age years."

Each of the seven diseases can be detected by their particular symptoms. These symptoms include:

Regular Measles--causes a rash, fever, inflamed eyes, cough and a running nose.

Diphtheria--causes a fever, sore throat, and swelling in the neck.

Tetanus--more commonly known as lockjaw, causes muscle spasms and convul-

sions in its early stages, and has absolutely nothing to do with the old rusty nail superstition.

Whooping Cough--starts when regular cold symptoms develop into a severe series of cough spasms.

Rubella or German Measles--is a mild three-day version of the regular measles.

Mumps--causes fever, headache and swollen glands.

Polio--the most dangerous childhood disease, infects the spinal cord, causing paralysis in the arms, legs and breathing muscles.

To avoid these diseases and their serious complications, a child should be on a consistent vaccination program. At two months old a child should be vaccinated against tetanus, diphtheria, whooping cough and polio. These immunizations should be repeated when the child is four, six and 18 months old and between the ages of four and six. When children are a year old they should receive measles, mumps and rubella vaccines and a tuberculin test. Also, between the ages of 14 and 16, children should be vaccinated again for tetanus and diphtheria.

Parents should protect their children's good health by maintaining an immunization program and regular doctor's visits. Remember, your child's good health begins with you.

Meat-Saving Ideas

Use less tender cuts of meat made tender by--

--Cooking slowly with moisture -- pot roasting, braising, simmering, or stewing.

--Grinding, cubing, pounding, or scoring.

--Marinating or cooking with acid ingredients, such as tomatoes or vinegar.

--Using commercial tenderizers.

Make the most of the flavor and food value from meat, poultry, and fish by using--

--Small pieces in casseroles,

salads, and sandwiches.

--"Meaty" bones in soups and stews and for seasoning vegetables.

--Broth in gravies, sauces, soups and stews, and other combination dishes.

--Drippings in gravies and sauces, for pan frying, and for seasoning vegetables.

Caution: Cool leftover meat, broth, and gravies quickly, and store, well covered, in the refrigerator. Use within one to three days after cooking.

Extend some of the meat, poultry, and fish you buy by combining with--

--Mild-flavored foods, such as dry beans or peas, macaroni products, rice or potatoes in casseroles, stews or soups.

--Breads or cereals as stuffings or in meat, poultry, and fish loaves, patties or balls.

--Sauces served on bread or biscuit, rice, or macaroni products.

Replace the meat in some meals with these less expensive sources of protein--

--Dry beans, peas, and lentils.

--Peanut butter

--Eggs

--American or swiss-type cheese

--Cottage cheese

+++

Save up those small slivers of soap, put them in a jar, add a little water and moisten the soap, cover and put aside for several days. Put into molds or roll into balls and let dry in a cool place and have recycled bars.

DAIRYMEN & BEEFMEN ... When you make Mol-Mix your "profit-partner," fall and winter feed costs won't get out of hand. Mol-Mix is loaded with all the protein, energy and other nutrients your dairy cattle need for top health and maximum production. It helps avoid those cold weather "slumps" too. Yet, you'll be surprised how economical and easy it is to convert to our labor-saving liquid concept. Stop in soon. We'll tell you how Mol-Mix will help you get a solid grip on profits, so you can...

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Ephrata Wins At Springfield

Five members of the Cloister FFA Chapter and advisor Lewis Ayers attended the Eastern States Exposition at Springfield, Mass. recently, bringing back many trophies and ribbons for their efforts.

John Weaver and Dale Weber competed as a small gasoline engine team. Paul Horning, Melvin Weiler and Jay Good made up the dairy team.

In the small gas engine contest, Weaver and Weber placed third in a field of 14 teams. A livestock team of Jay Good and Paul Horning placed fifth. Good was

ninth overall, first in swine and sixth in beef, while Horning placed 10th overall, third in beef, fifth in sheep and seventh in sheep.

In dairy judging competition, the team placed third with Horning capturing sixth place. Good was top judge in Jersey classes.

To be eligible for competition at Springfield, these two teams had won first placings at state contests during FFA Week in June.

In another area of judging, the Pennsylvania Poultry team placed second.

Glick Wins Four Classes At District 4-H Horse Show

4-H'ers from six counties competed last Saturday at Ludwigs Corner at the 1973 District 10 4-H Light Horse and Pony Show. The two top entries in each class will be eligible to compete in the State 4-H Horse and Pony Show at the Farm Show Building November 8 and 9.

James Glick, 231 E. Main St., Bareville, was the only entrant to qualify in four classes. He qualified in grooming and showmanship, junior division; stock seat equitation, junior division; western pleasure horsec, and pair class.

Other winners and classes entered were:

Barbara Charles, 2015 Old Philadelphia Pike, Lancaster, pleasure pony driving; Douglas Fellenbaum, Lititz RD3, western pleasure ponies (12.2 hands and under); Cheryl Gernert, Manheim RD4, open trail and pair class;

Cherri Gochnauer, 830 Centerville Road, Lancaster, pair class.

Debra Heidig, 2137 Old Philadelphia Pike, Lancaster, grooming and showmanship senior division, and pair class; Margaret Keeney, Manheim RD4, western pleasure horses; Barbara Kenyon, 1818 Northbrook Drive, Lancaster, hunter under saddle ponies (14 2 hands and under); Donna Sammons, 87 E. Petersburg Road, Neffsville,

English pleasure ponies (14.2 hands and under); Pam Sammons, 87 E. Petersburg Road, Neffsville, pleasure pony driving.

District 10 encompasses the counties of Lancaster, Chester, Montgomery, Delaware, Bucks and Lebanon.

AUCTION

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203 Registered Holsteins
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Lampeter Fair Carcass Hog Entries Due

Entries for carcass hogs to be evaluated at the Lampeter Fair will be due September 25 (Tuesday). Entries should be mailed to John H. Henkel, Willow Glen Farm, Strasburg RD1, 17579, or phone 786-2562.

The hogs, either barrows or gilts, should weigh 190 to 200 pounds. There is an entry fee of \$1, one entry per farm.

Hogs should be in place by 12 Noon Thursday, September 27. On-foot judging will take place at 3 p.m. Thursday. Hogs will be slaughtered and evaluated on all, place on rail on order of ham loin percentage with meat quality taken into consideration.

+++

Alaskan Peaks

Although California and Colorado have their share of mountains, the 16 tallest in the United States all lie in Alaska.

KEYSTONE INVITATIONAL

ALL-AMERICAN

AYRSHIRE SALE

TUESDAY EVENING, SEPT. 25th 7:00 P.M.

FARM SHOW BLDG. — HARRISBURG, PA.

Choice consignments selected from coast to coast consisting of fresh-springing young cows and bred heifers in addition to a few exceptional calves. Two top-flight bull calves ideal for A.I. or syndicate groups. Cattle selling with PROVEN PERFORMANCE PEDIGREES. Dams of consignments best records average 14,364 4 percent 569 with records to 25,650 Milk 1058 Fat. Seven young cows selling that are classified — 2 'EX' 5 'VG'. Records on this group to 17,000 plus 708 Fat.

Cattle selling are sired by the breed's best plus proven A.I. sires. Sires include: Betty, Commander's Pride, Hi-Kick, Bruis Commander, Harry, Albi, Fickle's Boy, Ben's Ace, Victory, Dawner, Lightning, Classic, Grand Fortune, Jack's Choice, Sophia's Boy 2nd and Greta's Boy 2nd.

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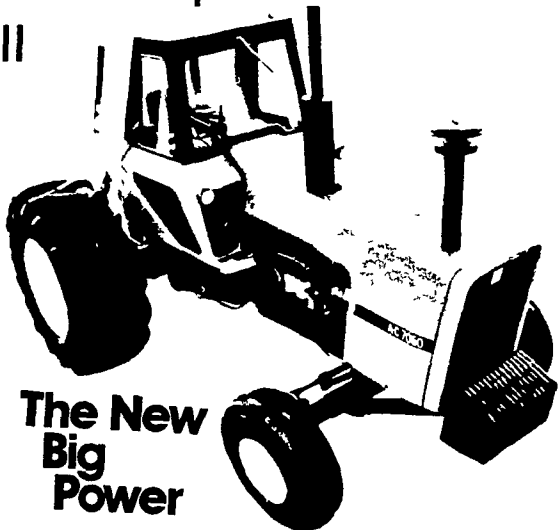
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Located at my Farm, 1 Mile East of Covington, Penna., Tioga Co. Just off Route 15. Watch for Auction Arrows!

60 HOLSTEIN CATTLE 60

This herd consists of 7 Reg. and 53 Hi-Grade Holsteins. These animals show Type, excellent Production and Good Udders. Mostly 1st, 2nd and 3rd Calf. Making over 1 ton of milk right now. Many cows will be fresh by Sale time. Some large, strong, fancy 1st Calf Heifers (close & just fresh). If you are looking for milk, it will be a long time before you'll find as good a Dairy Herd as this one.

Some of these animals Sired by Don-Augur Promising Ivan Repeat, Don-Augur Fourcross Ace, Whirlhill Kingpin, Cherry Lane Texal Reward, Gladibrae Triune Lad, Simpson Farm Tidy Gent.

Blood & T.B. Tested, Pregnancy checked, Charts furnished Day of Sale. Sale under Tent.

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Ronald D. West, Sale Manager
Robert M. Shaylor, Auctioneer
Robert Slingerland, Clerk

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They're Spotting Flies From The Skies

Spotting a tiny fly from an altitude of 10,000 feet may sound even more absurd than looking for the proverbial needle in a haystack.

But that's what entomologists are doing successfully in Texas, and their high-altitude sleuthing could insure an abundance of citrus fruits on consumer tables.

The insect the entomologists are looking for is the citrus blackfly. It's an oriental pest that has taken up permanent residence in Mex-

ico and is now attempting to invade the lush citrus groves in this country.

While the insect—which is only 1/12th of an inch long—can't actually be seen from the air, its whereabouts can be accurately determined from color-infrared photographs taken from the air.

Trees infested by the blackflies develop a sooty black fungus mold as the result of a honeydew secreted by the insects as they feed. The mold shows up with a distinctive

color in the aerial photos.

This new method of detection is faster and less expensive than ground surveys. Its ability to pinpoint small infestations in large groves allows growers to spray only affected areas rather than blanketing the whole grove. Besides cutting down spray costs, this reduces the amount of pesticides in the environment and causes less disruption of beneficial insect populations.

Entomologists in Texas, Florida, and California are always on the alert for citrus blackfly invasions because of the severe damage they inflict. Short-term infestations can cut crop production in half, and those lasting more than a year can completely wipe out a crop.

The current infestation has been declared a major emergency by the U.S. Department of Agriculture. If it should spread, the nation's citrus production would decline in both quantity and quality and send consumer prices sky-rocketing.

Observers are hopeful that the new weapon provided them by high-altitude photography will help check the insects' spread.

Meanwhile, this same technique is being applied to other areas of agriculture as well. The National Cotton Council reports it's being used to spot insect and fungus damage in Western cotton fields. It's also proving effective in determining areas in the fields that are deficient in minerals.

In Maine, aerial photography is being tested for a two-fold purpose. One is to give potato growers early warning of crop blight, and the other is to safeguard honeybees.

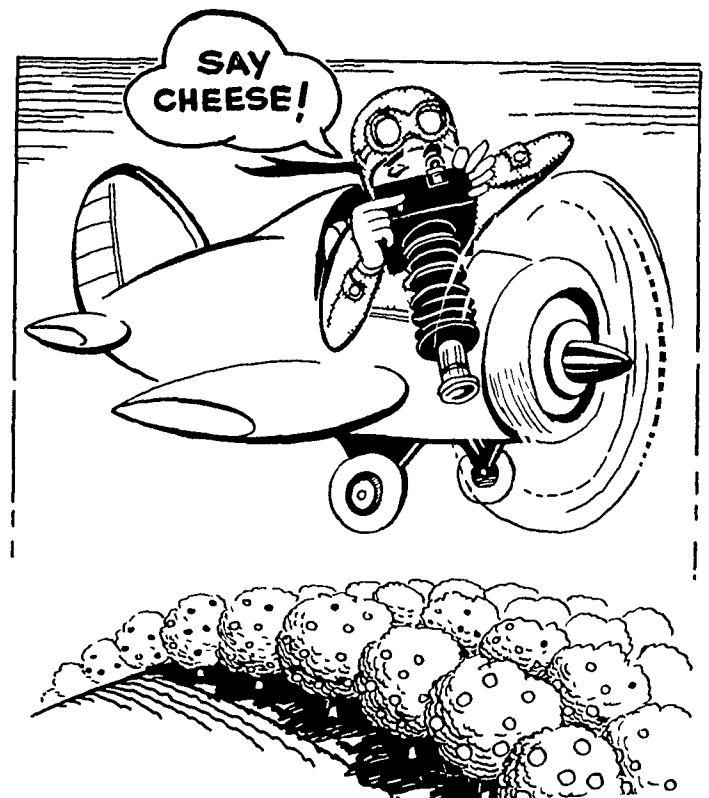
Since the photography allows precise spraying on pinpointed targets, it's hoped that blanket spraying which endangers honeybees can be eliminated.

Why the concern for honeybees? Crops worth about \$1 billion still depend on bees for pollination.

The scope of color infrared

photography is expected to be greatly widened in the future as the result of earth-orbiting satellites. New knowledge about crops and forests already is being trans-

mitted back to earth from the satellite launched by NASA last July. And scientists are busily translating data from 550 miles up for down-to-earth applications.



PUBLIC SALE OF HOLSTEIN DAIRY CATTLE

Long Meadow Farms Holstein Dispersal. Location: 1½ miles south of Oxford on Old Route 1, between Oxford and Nottingham, opposite the Orthodox Presbyterian Church.

FRIDAY, SEPT. 28, 1973

12:00 Noon

65 HEAD OF HIGH GRADE HOLSTEINS 65

20 of this number are first calf heifers, several due again this fall.

This is a young herd.

Calving Schedule:

8 July

7 August

12 Sept.

7 Oct.

4 Nov.

2 Dec.

15 years of A.B.S. breeding

Per Cow Average from Milk Plant
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Daus. of these sires rep.: Don Augur Promise, Ivanhoe Sizzler, Bootmaker, Belshazzer, Melody Master and others.

Foundation stock for this herd came from Francis Grubb farm.

Don't miss this sale if you are looking for quota milk.

TB and Bangs cert vac. 30 day chart

500 gal. Mojonner vacuum tank, Walker stamp with 40 ft. 2 in. glass pipeline, 4 Magnetic breaker cup milker units, Surge Almo 50 plus milker pump, double SS tubs, 1 40-lb. unit, Stewart clippers.

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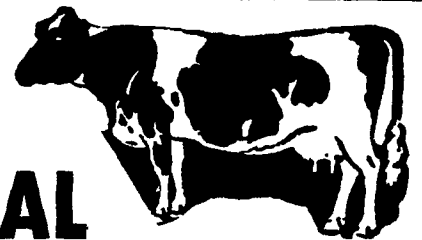
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Place — 6 mi. North of Hackettstown, N. J. From Hackettstown take Rt. 517 to Allamuchy, N. J. Farm lies 1 mi. west of Allamuchy off the Rd. heading for John-sonburg. Arrows Posted.

66 hd. DHIA Tested Holsteins!

60 top cows and 6 started heifers. 20 hd. recently fresh. 25 hd. due mid and late fall, with the balance in various stages. A young herd with 13 milking and 7 Springing first calf heifers! 5 Reg. holsteins - Ford Treasure, Goldendale Rockman, Hays First Minister, and others. Sire Power Breeding with 8 top Kingpin dtrs. selling plus other popular sires represented! **DHIA Testing** - 1972 herd average 15,000 M - 540F. Rolling average - 14,173 M - 525 F on poor grass silage! Records up to 22,000 M. A 2 yr. old kingpin sells with 21,000 M! Truly an outstanding herd with tremendous type, size, strong sound udders, and big bodied cattle with production bred in them! Size - Some cows weigh up to 1700 lbs. with udders up tight where they belong! Vet checked for pregnancy! Records read at ringside! T.B. & Blood Tested and eligible for immediate interstate Shipment! For top cattle with real milk qualities be sure to attend! These cattle are worth traveling for!

Machinery - IHC #504 DL tractor w/ #2000 hyd. ldr., J.D. #44 manure spreader, Patz 14 to 20 ft silo unloader, feed carts, 3 barn fans Milk equip. - 4 De Laval milkers, Bender dumping station and dryer, Surge 12 unit milk pump. Terms - Cash or a good check sale day! Lunch available.

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Tuesday, September 25, 1973

Entertainment by Glenn Eshelman

FEATURED SPEAKER

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Vice-President of Interstate

Researchers Ensile Animal, Crop Wastes

Silage produced from crop and animal wastes—such as chopped cornstalks or oat straw, and cattle or poultry manure—makes suitable feed for beef cattle and sheep, according to experiments at The Pennsylvania State University.

Such silages show normal fermentation with no decay and none of the objectionable odors usually associated with animal wastes, says Dr. T. A. Long, professor of animal nutrition. On

a dry matter basis, the experimental silages contained 70 per cent crop wastes, either chopped cornstalks or oat straw, and 30 per cent cattle or poultry manure.

Meat from the experimental cattle was tested for flavor, tenderness, and juiciness by a taste panel at Penn State. The panel favored meat from beef cattle fed poultry waste over beef from cattle fed soybean meal, a standard protein supplement.

Such silage offers a practical method of producing beef and lamb at lower or no greater cost than with standard roughage while obtaining high quality meat with less chance of pollution from accumulated wastes, Dr. Long affirms.

The best silage was made from

an oat straw-poultry waste combination. This contained 16 per cent crude protein and 52 per cent digestible organic matter. Although the oat straw-cattle waste silage had only 12 per cent crude protein, the digestible organic matter was 50 per cent. If grass hay were substituted for oat straw, a silage of higher nutritive value could be obtained.

The experimental silages had a "Good silage" odor. The crop wastes and manures underwent a normal chemical change known as anaerobic fermentation, meaning it was accomplished without air—typical of silage production. Moisture level of all silage was adjusted to 55 per cent. The cattle and poultry wastes were collected fresh, free from bedding or litter.

The first cosmetic to be packaged in a collapsible metal tube was Evans' Cucumber Jelly, produced and marketed in Philadelphia in 1885.

Consumers Need to Know

by LEE LANDIS

Although there are laws prohibiting phosphates in laundry detergents in two states—New York and Indiana and several communities—there is a trend away from banning the phosphates. Out of some 15 states that introduced anti-detergent legislation this year, nine have withdrawn, tabled, or held legislation in committee.

Problems of stiffened fabrics, residues of hardness minerals, making flame-retardant finishes ineffective, and causing appliance problems have lead to second-thoughts about the use of no-phosphate detergents.

In Connecticut the date of the phosphate ban was moved back a year to June 30, 1974. In Chicago, which passed the first detergent phosphate ordinance, a Federal Court recently declared the local law unconstitutional. And, in every area where there are restrictions on the use of phosphates in detergents, the laws have exempted dishwasher cleaning and most institutional and industrial cleaning products.

The federal government verifies that only part of the phosphates discharged into lakes and streams comes from detergents, and that phosphates are only one factor in eutrophication. They also admit that eutrophication is a problem only in some areas of the country. These areas are now being studied by the Environmental Protection Agency.

The government supports updating waste treatment plants to permit effective removal of nutrients from wastes before they reach our lakes and streams. With industry pledged to continue research into effective cleaners that are safe for human use, and, with the active support of a well-informed public, adequate solutions appear to be soon forthcoming. Here, as with many other environmental problems, it's more education we need, not more legislation.

DRAFT HORSES AND MULES

This is the largest selection of draft horses and mules to be found anywhere.

If you are looking for horses or mules with quality and size we have them

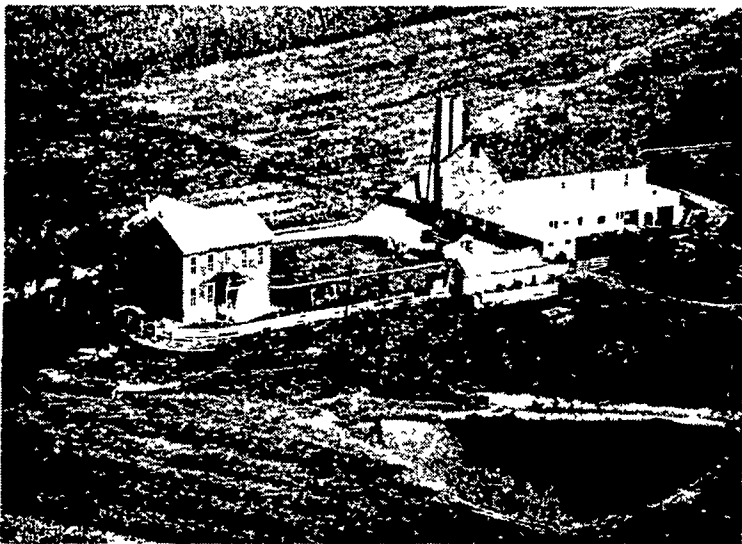
PAUL S. WALTERMYER

Jonestown RD1, Pa. 17038
Phone 717-865-2234

PUBLIC AUCTION OF VALUABLE 122-ACRE FARM WEDNESDAY, OCTOBER 17, 1973

AT 2:00 P.M.

Location: Approximately two miles northwest of Myers-town, one mile north of Route 422 and directly north of the Lebanon Valley Air Park. Also between Reading and Lebanon, just north of Route 422, Jackson Township, Lebanon County, Pennsylvania:



122-ACRE FARM

95 ACRES TILLABLE — 20 ACRES PASTURE
Balance Woodland and Orchard; Three Streams
Pond, Spring

LARGE TEN-ROOM BRICK HOUSE

Containing five rooms on first floor including kitchen with large fireplace and built-in dry sink. Second floor contains five bedrooms, some with built-in closets and one full bath. Third floor attic. Also TWO-STORY FRAME SUMMER HOUSE with fireplace. Full basement under house and summer house. Myers Pressure System; Cistern, hand-dug well, water heater.

LARGE FRAME BANK BARN WITH 32 STANCHIONS

Two Drive Floors and Two Mows; also Scaffolding in Barn. 45x20 2-STORY EXTENSION attached to barn with Heifer Pens on ground floor and Storage on second floor. 19x17 BLOCK MILKHOUSE attached to barn. STARLINE BARN CLEANER, 4 years old.

20x60 CORN BARN

16x24 PIG STABLE — 10x50 CONCRETE SILO
APPLE AND PEAR ORCHARD

North End of this Farm borders on a large Dam known as "Strack's Dam".

This Property is zoned Agriculture or Class A, permitted uses include single family dwellings. Conditions of sale 10% down day of sale, settlement on or before April 1, 1974.

Sale time, 2:00 P.M. Sale by order of

MARK W. BURKHOLDER

Executor of the Raymond M. Burkholder Estate
Myerstown R.D.2, Pa. - 717-866-5273

Henry Steiner, Attorney

JOHN E. AND PAUL E. MARTIN
Auctioneers

717-733-3511 or 733-3305

Help Us Serve You

Don't assume we know about your farm organization's meeting. To get your meeting on our Farm Calendar, it's safer to assume we don't know.

Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543. You'll be helping us to serve you better.

P.S. — If you're not sure you told us already, we don't mind hearing from you again.

PUBLIC SALE DAIRY HERD & EQUIP., FARM EQUIP & HAY

Tuesday, October 2, 1973

AT 10:30 A.M.,

located between Neffs & Slatington, turn off Rt. 873 at entrance to Glen Crest trailer court, 1st left after court, 1st farm, Washington Twp., Lehigh Co., Pa.

Dairy herd consists of 37 head in various stages of production including: 24 cows - 14 Guernsey (5 registered), 3 Jersey, 2 Ayrshire, 5 Holstein. Heifers - 3 bred Guernsey, 1 bred Ayrshire, and 9 Guernsey heifers from 1 wk. to 1 yr. old, most are Hollirex, Double Emory, Prince, or Darimost daughters.

Milking equip. - 325 gal. Jamesway tank; DeLaval 73 vac pump with 1 1/4" line; double stainless washtubs; (3) Marlow milkers; (3) DeLaval magnetic milkers; 55 gal. water heater; 4 & 8 can coolers; barn cleaner with 180' Jamesway chain; hydraulic shuttle barn cleaner; elec. dehorner.

Farm equip. - tractors: J.D. 60 with p.s., J.D. A, J.D. G; J.D. 490 4 row corn planter; J.D. 555 3 btm plow; J.D. 10', 3 sec. harrow; I.H. 7' disc; N.H. 460 9' haybine; N.H. 77 baler; J.D. 15 flail chopper; A.C. chopper with corn head; O.K. field chopper with 4 cyl. LeRoi engine, corn head; Fox silage blower & pipe; (3) 4 whl trailers; Maple City silo, 14' x 30', wdn., roof & chute; rd. metal corn crib, 12' dia.; 1963 Dodge custom 880 car.; elec. fence wire and posts.

Approx. 60 ton mixed hay (alfalfa, orchard grass). Farm equip. sold first, be on time not many small items. Refreshments Served

Sale for

Harvey Cressman Jr.

Terms — Cash

Auct. — Ralph W. Zettlemoyer

Tele. — 215 285-4616

PUBLIC AUCTION OF 8-ACRE FARM SATURDAY, OCTOBER 6, 1973

AT 2:00 P.M.

Location: At Ephrata West Main Street Cloverleaf take Route 222 south 1 mile to Meadow Valley Road turn right onto Meadow Valley Road first farm on right. Ephrata Township, Lancaster County, Pa.

8-ACRE FARM, 6 ACRES TILLABLE 2-Acre Meadow with Stream

Approximately 700 Feet of Road Frontage thereon erected a

2 1/2-STORY FRAME HOME

With Slate and Tin Roof; Full Basement; Hot Water Oil Heat; containing on First Floor: Kitchen, Living Room, Dining Room, Den, Half Bath and Large Laundry. Second Floor contains six Bedrooms and Full Bath. Cistern, Storm Doors and Windows.

65 x 45 BANK BARN

With Corn Shed Attached

Two Chicken Houses, 2-Car Garage

Note: This is a very nice farm with large lawn and a lot of shade trees. If you are looking for a small farm we invite your inspection of this farm.

Sale time: 2:00 P.M. Sale by

CLAYTON S. and CHARLOTTE M. ZEISET

111 Meadow Valley Road
Ephrata, Pa. — 717-733-6074

J. Marlin Shreiner, Attorney
JOHN E. AND PAUL E. MARTIN

Auctioneers

717-733-3511 or 733-3305

This property will be shown by appointment. Call 717-733-6074 or call Auctioneers. Also inspection of Farm from 12:00 Noon till 4:00 P.M. Saturday, September 29, 1973.

Public Sales Register

SAT. SEPT. 22 - 10 A.M. Public Sale of Farm Implements, Tools, Antiques, Household Goods and Car located approx. 2 miles northeast of Stewartstown along Lowe Road. (turn off Rt. 24 at Isemmpel's Service Station), in

York Co., Pa. Terms by Mrs. Maynard McDowell, Sr., Stewartstown, Pa., owner; Robert L. Sechrist, Auctioneer.

SAT. SEPT. 22 - 12:00 Public Sale of Real Estate, Antiques and

Household Goods located on Rineer Road between Conestoga Center and Rock Hill, Conestoga Twp., Lancaster Co., Pa. Sale by Earl M. Rineer Estate, Esta M. Kline and Roy E. Rineer, Executors; Howard Shaub, Auctioneer.

SAT. SEPT. 22 - Public Sale of Valuable Real Estate, Household Goods, and Antiques (Real Estate 1 P.M.) located in the Borough of Honey Brook on the corner of Broad and Arch Streets, Chester Co., Pa. Watch for inspection and sale signs on Route 322. Inspection of real estate Sunday, Sept. 16 2-4 P.M. Terms by Estate of Ethel F. Given by order of W. Harold Given and Paul W. Given, Executors; Wm. March, Jr. Auctioneer, Elverson, Pa. 19520

SAT. SEPT. 22 - 1:00 P.M. Public Auction of 48 acre farm located between Ephrata and Lititz, just outside of Rothsville, along Newport Road, Warwick Township, Lancaster County, Pa. Sale by Edwin M. and Anna W. Hoover, Lititz RD4; John E. and Paul E. Martin, Auctioneers.

SAT. SEPT. 22 - 11 A.M. Public Sale of Farm Machinery, Hog Equipment and Household Furnishings to be held at Halpeny Valley Farms, 3 miles west of Christiana to intersection of Rt 372 and White Oak Road, 1/4 mile South of Smyrna Chapel on White Oak Road, Sadsbury Twp., Lancaster Co., Pa. Sale by Halpeny Valley Farms, Inc., Harold Graham, Manager and

Mrs. William Chapman. Kersey A Bradley, Auctioneers.

TUES. EVE. SEPT 25 - 7 P.M. Keystone Invitational All-American Ayrshire Sale to be held at the Farm Show Building, Harrisburg, Pa. Sale managed by Ayrshire Breeders' Association, Brandon, Vermont; Tom Whittaker, Pedigrees, Ralph Horst, Auctioneer

(Continued On Page 40)

ALL DAY CONSIGNMENT SALE

FRIDAY, OCT. 5, 1973 9:30 A.M.

on North Maple Avenue, Leola, 1/2 mile North of Route 23, watch for sale sign

Variety of Tractors, Farm Machinery, Horse Drawn Implements, Lumber, New Hardware and Tools, etc.

We have buyers for hay and straw.

Frank & Paul Snyder
Robert E. Martin, Aucts.

SALE BY
DAVID H. GOOD

Next sale Friday, Nov. 2nd.
Not responsible for accidents.

PUBLIC SALE OF REAL ESTATE and HOUSEHOLD GOOD

Take Furnis Road from Georgetown at Rte. 896 and go 2 miles west to Mt. Pleasant road and go south to sale. Bart Twp.

SATURDAY, SEPT. 29, 1973
11:00 A.M.

App. 20 acres farm erected thereon 2 1/2 story frame dwelling covered with aluminum siding, storm windows to north, never failing well, small bank barn with large shade trees.

Property to be sold at 1:30. Inspection Sept. 22.
10% down on property. Settlement in 30 days.

ANTIQUES

Kerosene lamp, desk bookcase combination, Victoria record player, 4 spindleback arm chairs, treadle organ, 6 spindle chairs, square ex. table, 2 plank bottom chairs, 2 lanterns, 2 butter churns, wash stand, old mirrors, butchering tools and 2 iron kettles, large copper kettle, copper ladle, small milk cans, Kalamazoo wood range, high chair, ice box, saddle and meat bench, jugs & crocks, towel rack, match box, iron bed, bureau, dozen salts, old bottles, Almanacs 1934 on up, 1907 comic books, 1865 Marriage Certificate, 1865 handwritten decal, post cards from 1903, bear skin coat, pewter cup, old bureau with mirror, treadle sewing machine, large Old Testament.

Frigidaire ref. (2 yrs.), Coldspot chest freezer, clock radio, Maytag wringer washer, Kenmore space heater, Zenith portable TV, elec. iron & toaster, breakfast set, Kenmore gas stove, occasional tables, bedroom suite, 2 double beds, Cane stated chairs & rocker, other rocking chairs, old Coronet, chest of drawers, army cot, over stuffed furniture, couch, pictures, dishes, cookware, towels & linens, Stevens double barrel & single barrel shotguns, 22 single shot rifle, old 22 rifle.

1 horse cultivator, handyman jack, Wheelhorse riding mower, 4 hog troughs, wheel barrow, corn-sheller, rope & pulleys, brace & set of bits, Minnich tobacco press, tobacco lath & spears, milk cans, forks, shovels & some tools.

Many articles not mentioned.

Terms by,
PEARL AULHOUSE
(Mrs. Chester Aulhouse)
Ralph W. Eby, Jr., Atty.

Kreider & Diller, Aucts.

Lunch furnished by Womens Society of
Georgetown Methodist Church.

*** FARM
* ANIMAL
* EQUIPMENT**



**AUCTION
SALE**

FREE!

Your sale can be listed in
our Sales Register
without charge Just mail
details to Lancaster
Farming, P O Box 266,
Lititz, Pa 17543

PUBLIC AUCTION OF 42-ACRE FARM WEDNESDAY, OCTOBER 10, 1973 AT 2:00 P.M.

Location: Between Ephrata and Lititz. West Main Street Cloverleaf at Ephrata take Route 222 south to Meadow Valley Road turn right onto Meadow Valley Road, approximately 2 miles then right onto Middle Creek Road, first road left first farm on left, Ephrata Township, Lancaster County, Pennsylvania:

42-ACRE FARM

APPROXIMATELY 3,650 FEET ROAD FRONTAGE

Thereon Erected A
2 1/2-STORY LARGE FRAME HOME

With Vinyl Siding, containing Large Eat-in Kitchen, Formal Dining Room, Living Room, Half Bath. Second Floor contains four Bedrooms and Full Bath. Full Cemented Basement; Oil Fired Hot Water Baseboard Heat. Servisoff Water Softener, 2 Pressure Systems.

Large Bank Barn with approximately 5000 sq. ft. cemented barnyard area

28 x 60 2-story block chicken house with 14 x 16 block feedroom and egg cellar

24 x 46 Block Steer Barn, 12 x 50 Stave Silo

2-Car Garage, 36 x 16 2-Story Corn Barn

CISTERN AND WELL

This Farm Has Frontage Along the Hammer Creek
ALSO SELLING AT SAME TIME

10 Acres of Standing Corn

Sale at 2:00 P.M. Terms by

IVAN N. and ANNA W. GOOD

LITITZ R.D.4, PA. 717-733-7138

Wentz and Weaver, Attorney
JOHN E. and PAUL E. MARTIN

Auctioneers
717-733-3511 or 733-3305

NOTE—This is a very nice Farm and all of the buildings are in very good condition. Property will be shown by appointment. Call 717-733-7138 or call auctioneers. Also inspection of farm from 12:00 Noon to 4:00 P.M. Saturday, October 6, 1973.

Special Feeder Sale

Abingdon, VA
Tuesday, September 11
200 head Sold

Steers

Good: 500 - 700 pounds 50.25 - 55.50; 705 - 800 47.50.

Medium: 500 - 700 pounds 50.25 - 53.75; 705 - 800 48.00; 805 - 1000 41.00 - 46.00.

Common: 400 - 700 pounds 47.25 - 54.75; 705 - 800 44.85; 805 - 1000 38.00 - 43.60.

Abingdon, VA
Monday, September 17
978 Head Graded
Holstein Steers Sold

Steers

Good: 500 - 700 pounds 48.00 - 53.50; 700 - 800 47.00 - 47.50; 800 - 1000 43.50 - 47.00; 1000 - 1300 42.00 - 42.90.

Medium: 400 - 500 pounds 55.75; 500 - 700 48.50 - 54.50; 700 - 800 45.00 - 47.30; 800 - 1000 43.00 - 45.00; 1000 - 1300 38.50 - 42.70.

Common: 400 - 500 pounds 52.50 - 55.00; 500 - 700 47.00 - 50.25; 700 - 800 46.50; 500 - 1000 41.75 - 45.00; 1000 - 1300 38.00 - 41.50.

Inferior: 400 - 800 pounds 40.00 - 46.50.

Hollins, A
Thursday, September 13
1,004 Head Sold

Steers

Choice and Fancy: 500 - 700 pounds 61.00 - 67.50 05 - 800 56.75 - 58.00; 805 - 1000 54.00 - 54.75.

Good: 500 - 700 pounds 59.00 - 63.50; 705 - 800 56.75 - 58.25; 805 - 1000 46.75 - 54.00.

Medium: 500 - 700 pounds 56.50 - 61.00; 705 - 800 52.25 - 56.00; 805 - 1000 48.50 - 53.00.

Common: 500 - 700 pounds 48.00 - 49.00.

Short: 550 - 650 pounds 53.50 - 57.00; 750 - 850 47.75 - 49.25.

Lynchburg, VA
Thursday, September 13
897 Steers, 205 Heifers Sold

Steers

Choice and Fancy: 450 pounds 66.00 - 66.25; 500 - 700 60.00 - 65.25; 705 - 800 53.25 - 59.50; 805 - 1000 47.75 - 56.25.

Good: 450 - 500 pounds 63.50 - 65.50; 500 - 700 56.75 - 65.75; 705 - 800 53.25 - 55.75; 850 - 900 51.25.

Medium: 400 - 500 pounds 57.75 - 60.00; 500 - 700 53.50 - 59.25; 705 - 800 51.75 - 53.25; 805 - 1000 44.00 - 50.25.

Common: 400 - 500 pounds 48.00 - 56.50; 500 - 700 49.00 - 49.75; 705 - 800 46.25 - 49.75.

Short: 500 - 700 pounds 53.50 - 59.50.

Heifers

Choice and Fancy: 500 - 600 pounds 50.00 - 51.50; 605 - 700 45.00 - 50.00.

Good: 400 - 500 pounds 49.75 - 52.50; 500 - 600 50.00 - 51.25; 605 - 700 47.00 - 49.75.

Medium: 400 - 450 pounds 48.50 - 49.00; 500 - 600 46.25 - 46.75.

Common: 400 - 500 pounds 47.25.

Short: 500 - 750 pounds 46.50.

OUR OPEN STOCKER FEEDER SALE

Thursday, Sept. 27
7 P.M.



CALVES
YEARLINGS
STEERS
HEIFERS

STOCKER SALE STARTS
AT 7 P.M.

DEPENDABLE
SALES EVERY THURSDAY

ROCKINGHAM

Livestock Sales, Inc.

Dial 434-8765 P.O. Box 611
Just Off Rt 81
Harrisonburg, Va.

Public Sales Register

(Continued From Page 39)

WED. SEPT. 26 - 12:00 Noon Complete Registered Holstein Dispersal of 65 Head located at Bainbridge RD1, just off Rte. 441, 1½ miles south of Bainbridge. Sale by Dale E. Hiestand, owner; R. Austin Backus, Inc. and Penna. Holstein Assoc., sales managers and Auctioneers.

THURS. SEPT. 27 - 7 P.M. Open Stocker Feeder Sale at Rockingham Livestock Sales, Inc. just off Rt. 81, Harrisonburg, Va.

FRI. SEPT. 28 - 12:00 Noon Public Sale of Holstein Dairy

Cattle, Long Meadow Farms Holstein Dispersal located 1½ mile South of Oxford on Old Route 1 between Oxford and Nottingham, opposite the Orthodox Presbyterian Church. Terms by Walter W. & William Shepherd; Kreider and Diller, Auctioneers.

FRI. SEPT. 28 - 7:30 P.M. Special Fall Sale of Yearlings, Heavy Feeders, stock cows, and stock bulls at Moorefield, West Virginia by the South Branch Stockyards, Inc.

FRI. EVE. SEPT. 28 - 7:30 P.M. Holstein Dispersal located at farm, 1 mile East of Covington, Penna., Tioga Co., just off Rte. 15. Watch for Auction Arrows. Sale by Mr. & Mrs. Leonard (Curly) Frost, owners; Ronald D. West, Sale Manager; Robert M. Shaylor, Auctioneer.

SAT. SEPT. 29 - 1:00 P.M. Dairy Herd Dispersal at the Shady Lane Dairy Cow Stables, ¼ mile West of Quarryville, Pa. Sale by Fite Bros.; Kersey Bradley, Auctioneer.

SAT. SEPT. 29 - 11 A.M. Public Sale of Real Estate and Household Goods. Location - Take Furnis Road from Georgetown and go 2 miles West to Mt. Pleasant Road and go

south to sale, Bart Twp. Terms by Chester and Pearl Aulthouse, Ralph W. Eby Jr. Atty. Kreider and Diller Auctioneers.

SAT. SEPT. 29 - 11:30 A.M. Dairy Herd Dispersal of Raymond Freeborn, Allamuchy, N. J. Place located 6 mi. North of Hackettstown, N. J. From Hackettstown take Rt. 517 to Allamuchy, N. J. Farm lies 1 mi. west of Allamuchy off the Road heading from Johnsonburg. Arrows posted. Col. Fred R. Daniel Auctioneers, Inc., Sale Manager and Auctioneers, Neshanic Sta., N. J.

SAT. SEPT. 29 - 11 A.M. Public Sale of Real Estate and Household Goods. Location - Take Furnis Road from Georgetown and go 2 miles West to Mt. Pleasant Road and go south to sale, Bart Twp. Terms by Pearl Aulthouse, (Mrs. Chester Aulthouse) Ralph W. Eby Jr. Atty. Kreider and Diller Auctioneers.

MON. OCT. 1 - 10 A.M. EDST Public Sale of Complete Dispersal, Farm Machinery, Feed, Dairy Equipment, Holstein Cattle on the farm located on Old Conowingo Road, 6-10 mi. east of Rt. 222, Conowingo, Md. From U.

S. Rt. 1 at Conowingo, Md., take Rt. 222 North 2 mi. to old Conowingo Road (approximately 24 mi. from Lancaster, Pa.) Signs will be posted. Mr. & Mrs. Roy Brinegar, Conowingo, Md., owners; Aberdeen Sales Co., Inc., Sale Managers; Kent R. Ferrell, Auctioneer.

TUES. OCT. 2 - 10:30 A.M. Public Sale of Dairy Herd and Equipment, Farm Equipment and Hay located between Neffs and Slatington, turn off Rt. 873 at entrance to Glen Crest trailer court, 1st. left after court, 1st farm, Washington Twp., Lehigh Co., Pa. Sale by Harvey Cressman Jr.; Ralph W. Zetlemoyer, Auctioneer.

TUES. OCT. 2 - 12:00 Noon Carl S. Martin "Timberline" Holstein Milking Herd and Bred Heifer Dispersal located in Franklin Co., 7 miles south of Chambersburg, Pa., 7 miles north of Waynesboro, Pa. Turn off Rt. 316 on Alterwald road, first farm past warehouse. Carl S. Martin, RD2, Waynesboro, Pa., owner; Ralph Horst and Arthur Rife, Auctioneers; Fred Naugle, Pedigrees

(Continued On Page 41)

PARK MEAD COMPLETE REG. HOLSTEIN DISPERSAL

1st Farm West of Route 72, 1/2 mile South of Manheim, along Sunset Road. 7 miles North of Lancaster off Route 72.

THURSDAY, OCT. 18, 1973
11:30 A.M.

63 reg. 2 grade 3 red and white Holsteins
40 milk cows
15 due Aug. 1 to Dec. 1
5 heifers due in 1973
20 open heifers
8 Holstein 2 mo. old bull calves, 2 Angus heifer calves.
TB and Bangs cert. 30 day charts.
19 years of Curtiss Candy Breeding
Sale under cover
Last 3 years of DHIA average 14,873M 543F
One red & white holstein by Citation H
2-5 305d 12,286M 443F
3-2 305d 14,782M 522F Fresh again
March milking 53 lb. bred to Royal Red.
1 heifer and 1 bull by Royal Red.

Ione dau. of Butter Boy Jublent

4 yrs. 305 da. 16,219M 562F
4-11 305 da. 18,740M 635F
6-9 305 da. 19,452M 656F
7-10 305 da. 16,122M 536F

Star, dau. of Roburke Elvis

4 yrs. 305 da. 16,687M 625F
5 yrs. 305 da. 14,803M 550F
6 yrs. 305 da. 16,270M 618F

Her fresh dau. by Pawnee Farm Arlinda Chief Milking 56 lb.

Another dau. by Commander Reflection

2-11 305 da. 10,606M 401F
3-10 305 da. 14,537M 484F
4-11 331 da. 16,190M 592F

Crissie, Milk and Honey Ivanhoe dau.

3-6 260 da. 12,480M 460F
4-6 260 da. 13,903M 503F
5-7 289 da. 16,640M 563F
6-7 305 da. 17,685M 626F

Her dau. by Penn Gate Fond Reflection

3-6 305 da. 12,001M 433F

Her open dau. by Pawnee Farms Arlinda Chief

Janet Paclamar Astronaut dau.

2-3 284 da. 10,174M 362F
3-2 290 da. 12,558M 465F

Her open dau. by Tara Hill Majestic sells

Ivy - Seiling Pietje Triumph dau.

2-7 305 da. 12,478M 457F
4-8 285 da. 13,577M 504F
4-7 276 da. 15,484M 500F
5-6 305 da. 17,048M 505F

Her 3 yr. old Arlinda Chief dau., due in Oct. with second calf.

2-7 325 da. 13,791M 514F

Kay - Rag Apple Charmer dau. in calf to Astronaut in Jan.

2-4 305 da. 14,351M 546F
3-5 305 da. 16,187M 590F

This is a sample of what you will see at this sale

600 gal. Girton Milk Tank with Walker Stamp, Surge S.P. 22 milker pump, 3 Surge elec. pulsation units, 2 S.S. strainers, 1 S.S. carrying pail, 1 S.S. double tub, 1 utensil table, 1 dairy vac., 1 Stewart clippers (new model).

TERMS BY,

Donald S. & Marian S. Groff

J. Everett Kreider
Carl Diller
Sales Mgrs. & Auctioneers

NOTICE

AUCTIONEERS!

We print sale bills.

Call 394-3047 for price.

QUALITY DAIRY CATTLE FOR SALE

BLACK and WHITE HOLSTEIN FARMS
2220 Dairy Road Lancaster, Penna.

100 REGISTERED & GRADE HOLSTEINS 100 HEAD
On hand at all times

CANADIAN—WISCONSIN—MINNESOTA

All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B.F. records. NOTE: Will deliver from 4 head to a carload subject to your approval to your farm at anytime

Pennsylvania's Largest Sales Pavilion

Dairy Cattle Auction Sale 3rd Friday Night Every Month

CHARLES C. MYERS, Owner. Phone 717-569-2106
Park Myers, Sales Mgr. 717-569-6800
Private Sales Daily

DALE E. HIESTAND COMPLETE DISPERSAL

WEDNESDAY, SEPT. 26
BAINBRIDGE, PA.

Midway between Lancaster and Harrisburg, Pa. From Lancaster, take Rte. 30 Bypass west to Columbia, exit at Rte. 441 and go 9 miles north on Rte. 441. Turn right on T road where sign says "Word of Life Chapel". 1st farm past Chapel, about 1 mile. From Harrisburg, take 283 East to 441 south, go to Bainbridge, 1½ miles south of Bainbridge, turn left at Chapel Sign. Watch for Auction Arrows.

70 REGISTERED HOLSTEINS

(35 Milking Age - 10 Bred Heifers - 12 Open Heifers - 3 Heifer Calves - 1 Bull)
All tested up to date for immediate interstate shipment. Exam for Preg. & Mastitis.

TOP PRODUCTION SELLING!!

1 with 916-lbs fat
5 from 850 to 880-lbs fat.
11 from 632 to 768-lbs fat.
5 from 505 to 597-lbs fat (4 at 2 yrs.)
Balance on test.

4 sell with from 22,000 to 25,129-lbs milk

3 more sell from 20 to 22,000-lbs milk.

DAUGHTERS OF THESE FAMOUS SIRES SELL!!

3 by "Ivanhoe" and over 50 head trace to him. - 12 by "Apollo" - 4 by "Kingpin"
2 by Ivanhoe Star - 1 by "Jethro" - 2 by "Dividend Performer" - 1 by "Archie"
6 by "Flashy Boy" - 5 by "Bonus" - 4 by "Jack" - 2 by "King Ivan" - 1 by "Ultimate"

TOP SERVICE SIRES USED!!

7 bred to "Double Triune" - 4 to "Jethro" - 2 by "Astronaut" - 2 to "Adonis"
1 to Arlinda Chief - 3 to Crescent Beauty Charm - 1 to Minuteman - 1 to Apollo and others.

THIS IS A TOP HERD BRED FROM 2 OR 3 TOP COW FAMILIES WITH TOP SELECTED SIRES!!

MAKE YOUR PLANS NOW TO ATTEND AND BUY!!

Contact Charles C. Myers, Lancaster, Pa. for credit. Contact before saletime.

Phone 717-569-2106.

Sale starts 12:00 Noon

Lunch Available

Catalogs

Under Cover

R. AUSTIN BACKUS INC.

Sale Mgrs. & Auctioneers
Mexico, N.Y.

PENNA. HOL. ASSOC.

839 Benner Pike
State College, Pa.

DALE E. HIESTAND

Owner,
Bainbridge, Pa. Rte. 1

Public Sales Register

(Continued From Page 40)

THURS. OCT. 4 - The Leebart Farm Complete Dispersal, East

REAL FARMS INC. Tipton, Pa. ANNUAL FALL YORKSHIRE SALE FRIDAY, OCTOBER 5, 1973

1:00 P.M. at the Farm.
SELLING

40 BRED GILTS 30 OPEN GILTS
30 BOARS 120 COMMERCIAL GILTS

Farm is located 9 miles North of Altoona Rt. 220 at Tipton, 1 mile Northwest of Tipton. Follow farm signs.
SEND FOR FREE CATALOG.

WRITE
REAL FARMS INC.

Tipton, Pa. 16684 or
Phone 814-684-3720 or 684-4769
Come early. Free lunch will be served.

PUBLIC SALE VALUABLE LIMESTONE FARM 104 ACRES AND 52 PERCHES SATURDAY, OCT. 6, 1973 at 2:00 P.M.

Located in South Lebanon Twp., Lebanon Co. along Cornwall and Schaefferstown road, Rt. 419, one mile west of Alco Plant.

8 room frame farm house with bath, kitchen with sink and cupboards, cellar, underhouse, porch on South side, summer house attached on North side with porch, never failing well, large lawn with shade and fruit trees. Large one story barn, at present is used for hog fattening operation, corn shed, corn crib and other buildings.

This is a good limestone farm with excellent drainage and a southern slope. This is a good farm for dairy, beef cattle, hog operation or cash cropping with great building advantages. Macadam road frontage on two sides.

Inspection of farm Sept. 22 and 29 from 2:00 P.M. to 4:00 P.M. or by appointment. Call 273-0291 or 272-9757. Condition of Sale - 10 percent day of sale and balance in 90 days.

Mrs. Paul M. Binner

MARK W. HEISEY, Auct. 272-9757
Egli, Walter, Reilly, Wolfson, Attys.

Greenville, Pa. Farm is located on north edge of village of E. Greenville, on Rte. 29. Watch for signs on Rte. 29. Montgomery Co. 12 miles south of Allentown, Pa. 20 miles north of Pottstown, Pa. Sale by Leamon E. Gaugler, owner, E. Greenville, Pa. R. Austin Backus, Inc. Sale mgrs. and auctioneers, Mexico, N. Y. and Penna. Hol. Assoc., 839 Benner Pike, State College, Pa.

FRI. OCT. 5 - 7:30 P.M. Special Sale all weights steers, calves, and cows at Leesburg Livestock Market, Leesburg, Virginia.

FRI. OCT. 5 - 1 P.M. Feeder Calf Sale & Show to be held at the Farmers Livestock Exchange, Inc. located 1½ miles west of Winchester, Va. on U. S. Route 50.

FRI. OCT. 5 - 1 P.M. Real Farms Inc. Annual Fall Yorkshire Sale at the farm located 9 miles North of Altoona Rt. 220 at Tipton, 1 mile Northwest of Tipton. Follow farm signs.

FRI. OCT. 5 - 12:30 Public Sale of 61 Head Holstein Cattle, all fresh or close springers, located between Springville and Nicholson, Pa. Watch for sale arrows on Rtes. 29 and 92, Susquehanna County. Sale by Frank M. Squier, Nicholson RD2; Wayne E. Weaver, Auctioneer.

FRI. OCT. 5 - 11 A.M. Pegmar Farm Holstein Milking Herd and Bred Heifer Dispersal located in Upper Dauphin County at Halifax, Pa. Turn East off Routes 147 and 225 at South End of town, opposite farm equipment store. First farm on left. Sale by Edgar E. Hoffman, RD2, Halifax, Pa., owner; Kling & Glick, Auctioneers; Fred Naugle. Pedigrees.

SAT. OCT. 6 - 11 A.M. Donette Acres Complete Dispersal to be held at the Charles C. Myers Black & White Farm just west of Lancaster, Pa. Take Flory's Mill Rd. off Rte. 283 (1st turn just west of ABC Stud Farm) Watch for Auction Sign. Sale by Donald & Harriet Whitesel, owners, Mifflintown, Pa.; R. Austin Backus, Inc., Sale Mgrs. & Auctioneers, Mexico, N. Y. and Penna. Hol. Assoc., 839 Benner Pike, State College, Pa.

SAT. OCT. 6 - 11 A.M. Public Sale of Antiques, Household Goods and Farm Machinery located South from Little Britain School farm Route 272, on Wrightsdales Road to Sleepy Hollow Road to sale. Terms by Owen H. & Edna

A. Groff; Kreider and Diller Aucts.

SAT. OCT. 6 - 2 P.M. Public Sale of Valuable Limestone Farm located in South Lebanon Twp. along Cornwall and Schaefferstown Rd. Route 419. 1 mile west of Alco Plant. Sale by Mrs. Paul M. Binner. Mark W. Heisey, Auctioneer.

SAT. OCT. 6 - 2 P.M. Public Auction of 8 acre farm located at Ephrata West Main Street Cloverleaf take Route 222 south 1 mile to Meadow Valley Road turn right onto Meadow Valley Road first farm on right. Ephrata Township Lancaster County, Pa. Sale by Clayton S. and Charlotte M. Zeiset, 111 Meadow Valley Road, Ephrata, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. OCT. 6 - 1:30 P.M. Feeder Pig Sale located 2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa. along US 501. Sale by Norman M. Martin, RD1, Myerstown, Pa.

SAT. OCT. 6 - 2 P.M. Public Sale of Valuable Limestone Farm of 104 acres and 52 Perches, Macadam Road frontage on two sides. Sale by Mrs. Paul M. Binner, located in South Lebanon Twp., Lebanon Co. along Cornwall to Schaefferstown Road, Route 419, 1 mile west of Alco Plant. Mark W. Heisey, Auctioneer.

WED. OCT. 10 - 2 P.M. Public Auction of 42 acre farm located between Ephrata and Lititz. West Main Street Cloverleaf at Ephrata take Route 222 south to Meadow Valley Road turn right onto Meadow Valley Road, approximately 2 miles then right onto Middle Creek Road, first road left first farm on left, Ephrata Township, Lancaster County, Pa. Sale by Ivan N. and Anna W. Good, Lititz RD4, Pa.; John E. and Paul E. Martin, Auctioneers.

THURS. OCT. 11 - 11 A.M. Louis & Anna Pektor & Sons Dispersal (All over 6 mos. selling) at the

(Continued On Page 42)

PUBLIC SALE COMPLETE MILKING HERD DISPERSAL and Bred HEIFERS

Location: From square of Elverson take Rte. 82 South to second road right, then second road left and first farm on left.

From Honey Brook square go east on Rte. 322, to Suplee Road, turn left and go about 5 mi. to T road and turn left past church stay right, turn right to farm.

FRIDAY, OCT. 12, 1973
12:00 Noon

62 Head of Reg. and Grade Holstein Dairy Cattle

Reg. 10 mo. old bull son of Round Oak Electron, from a 2 times 19,000 lb. dam.

70% of herd registered.

41 milk cows in all stages of lactation.

20 bred heifers, 10 due Sept. 15 to March 1.

A.B.C. Breeding. Sample of sires represented:

Design Bonus, Milk & Honey Ivanhoe, Ivanhoe Star, Round Oak Electron and others.

Last 2 yr. DHIA Average 14,971M, 567F once a day.

TB & Bangs Cert., 30 day charts.

Sale in tent

Alma Ideal Dictator dau.

278 da. 14,024M 586F

305 da. 17,856M 699F

266 da. 19,229M 769F

Reg. Ann Smokey Hill Whirlwind Mark dau.

4 yr. 344 da. 16,504M 604F

5 yr. 257 da. 17,097M 592F

6 yr. 303 da. 19,395M 648F

Gr. Mable

4-6 314 da. 19,559M 808F

6-2 266 da. 16,855M 709F

7-1 288 da. 16,547M 632F

Gr. Pearl

5-1 311 da. 16,022M 623F

6-3 288 da. 19,616M 717F

7-6 278 da. 17,581M 631F

Reg. Green, Milk & Honey Ivanhoe dau.

2-0 279 da. 11,506M 477F

3-0 288 da. 13,965M 592F

4-1 305 da. 16,384M 658F

Gr. Raba, Tidy Gent dau.

2-1 305 da. 12,686M 559F

3-4 305 da. 16,642M 686F

Reg. Kate, Gar-Bar Dale Burke Kate

2-1 295 da. 12,466M 414F

3-0 305 da. 16,303M 511F

Reg. Almie. King Pin dau.

2-1 305 da. 14,377M 549F

Terms by,
Jacob S. Stoltzfus
Elverson R.D. 2, Pa.
215-286-9847

J. Everett Kreider, Carl Diller,
Aucts., & Sales Managers

Lunch furnished

THE TENTH

**PENNSYLVANIA
ALL-AMERICAN
DAIRY SHOW**

FARM SHOW
BUILDING
HARRISBURG, PA.

**Schedule
of
Activities**

SEPTEMBER 24 — 28, 1973

+A 5-Day International Show
+Total Premiums Offered — \$58,344.00
+Six Breeds — Syshire, Brown Swiss
Guernsey, Holstein, Jersey, Milking
Shorthorn

"Eastern National Holstein Show"
"Eastern National Brown Swiss Show"

-Invitational Breed Sales — Ayrshire, Brown Swiss, and
Holstein
-Excellent Show Facilities - No Admission Charge
-Free Parking - Commercial Booth Exhibits
-Invitational Youth Dairy Cattle Judging Contest (4-H,
FFA, Collegiate)
-Recognition Banquet — Penna. Dairy Princes Contest
-Dairy Shrine Headquarters and Hospitality Room

September 24-Monday
8:00 a.m. - Invitational Youth
Dairy Cattle Judging Contest
9:00 a.m. - Pennsylvania Junior
Dairy Show

7:00 p.m. - Invitational Brown
Swiss Sale

September 25-Tuesday
9:00 a.m. - Brown Swiss Show and
Milking Shorthorn Show
7:00 p.m. - Invitational Ayrshire
Sale

September 26-Wednesday
9:00 a.m. - Ayrshire Show,
Guernsey Show

7:00 p.m. - Dairy Show
Recognition Banquet-
Pennsylvania Dairy Princess
Coronation

September 27-Thursday
9:00 a.m. - Jersey Show National
Holstein Show through dry
cow classes

6:00 p.m. - Invitational Holstein
Sale

September 28-Friday
9:00 a.m. - National Holstein
Show-milking and group
classes

Public Sales Register

(Continued From Page 41)

farm 5 miles east of Hellertown on Easton Rd 5 miles west from Raubsville, Pa. 12 miles from Allentown, 9 miles from Easton and just south of Bethlehem, Pa. Louis and Anna Pektor & Sons, owners, Hellertown, RD1, Pa.; R. Austin Backus Inc., Sale Mgrs. & Auctioneers, Mexico, N. Y. and Penna. Hol. Assoc., 839 Benner Pike, State College, Pa.

FRI. OCT. 12 - 12:00 Public Sale of 62 Head Registered and Grade Holstein Dairy Cattle located 2 miles south of Elverson off Rte. 82. Sale by Jacob S. Stoltzfus; J. Everett Kreider and Carl Diller,

Auctioneers.

SAT. OCT. 13 - 10 A.M. Public Sale of Real Estate, Antiques, Coins, and Household Goods located 12 & 14 Bridge St. in the Boro of Christiana, Bart Twp. Sale by the order of Betty Maye Kreider, Executrix for the Estate of Myrtle A. Fisher, deceased; Lloyd H. Kreider, Auctioneer.

WED. OCT. 17 - 2 P.M. Public Auction of Valuable 122 acre farm located approximately two miles northwest of Myerstown, one mile north of Route 422 and directly north of the Lebanon

Valley Air Park. Also between Reading and Lebanon, just north of Route 422, Jackson Township, Lebanon County, Pa. Sale by Mark W. Burkholder, executor of the Raymond M. Burkholder Estate; John E. and Paul E. Martin, Auctioneers.

THURS. OCT. 18 - 11:30 A.M. Park Mead Complete Reg. Holstein Dispersal, located 1st farm West of Route 72, ½ mile south of Manheim along Sunset Road, 7 mile North of Lancaster off Route 72. Terms by Donald S. & Marian S. Groff; J. Everett Kreider and Carl Diller, Sale Managers and Auctioneers.

FRI. OCT. 19 - 8 P.M. Public Sale of Dairy Cattle at the Black & White Holstein Farm. Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile west of breeding unit. Charles C. Myers, owner; Abe Diffenbach, Auctioneer; Park Myers, Sales Manager.

FRI. OCT. 19 - 1 P.M. 2nd Fall Yearling Sale to be held at the Farmers Livestock Exchange, Inc. located 1½ miles west of Winchester, Va. on U. S. Route 50.

FRI. OCT. 19 - 7:30 P.M. Special Fall Sale of Yearlings, Heavy Feeders, Stock Cows, and stock bulls at the South Branch Stockyards, Inc., Moorefield, West Virginia.

THURS. OCT. 25 - 12:30 P.M. Registered Holstein Dispersal located 10 miles East of Lancaster, just off Rt. number 30, north of Leaman Place, (along Londonvale Road) Lancaster Co., Pa. 4 miles West of Gap. Formerly, Elmer Hershey Farm. Sale by Henry & Roy Eby, Owners; Carl Diller and J. Everett Kreider, Aucts, Pedigrees, and Sale Mgrs.

THURS. OCT. 25 - Semi-Annual Open Class Fat Steer Show and Sale at New Holland Sales Stables, Inc. Three Classes, all cattle feeders eligible. Judging 10 A.M. Sale 3 P.M. Abe Diffenbach, Manager

THURS. OCT. 25 - 12:30 Complete Registered Holstein Dispersal of 75 Head located North of Route 30 near Paradise. Terms by Henry and Roy Eby; Diller and Kreider, Auctioneers.

FRI. OCT. 26 - 7:30 P.M. Special Sale all weights steers, calves, and cows at Leesburg Livestock Market, Leesburg, Virginia.

WED. OCT. 31 - Annual Dairy Cows Show and Sale at New Holland Sales Stables, Inc., New

Holland, Pa. Judging 10 A.M. Sale at 1 P.M. Abe Diffenbach, Manager

FRI. NOV. 2 - 7:30 P.M. Special Fall Sale of Yearlings, Heavy Feeders, Stock Cows, and Stock Bulls at the South Branch Stockyards, Inc., Moorefield, West Virginia.

SAT. NOV. 24 - 11 A.M. Public Sale of Valuable Farm Machinery, Orchard Equipment and Supplies at Dietz Orchards, RD12, Hellam Branch, near Yorkana, Penna. Terms by J. B. Dietz; Jacob A. Gilbert, Auctioneer.

PUBLIC SALE COMPLETE DISPERSAL FARM MACHINERY — FEED — DAIRY EQUIPMENT — HOLSTEIN CATTLE

The undersigned, having sold their farm, are discontinuing the dairy business and will sell the following on the farm located on Old Conowingo Road, 6-10 mi. east of Rt. 222, Conowingo, Md. From U. S. Rt. 1 at Conowingo, Md., take Rt. 222 North 2 mi. to old Conowingo Road. (Approximately 24 mi. from Lancaster, Pa.) Signs will be posted.

MONDAY, OCTOBER 1, 1973

10 A.M. EDT
ORDER OF SALE:

MACHINERY: Ford No 5000 gas tractor with LPO 940 hrs, Ford No 971 Select Speed diesel tractor, Ford No 900 tractor, Ford No 860 tractor & loader, Ford No 118 4 bottom 14" plow, John Deere 2 bottom 14" plow, Ford No 201 12' heavy duty disc, Ford No. 309 2 row 3 pt hitch corn planter, Ford 2 row cultivators, Ford No. 600 baler, Ford 2 row mounted picker, Ford 5' rotary mower, 10' cultipacker, John Deere mounted cultivators, John Deere hay rake, John Deere flail chopper, New Holland comb. mower-conditioner, New Idea 36' elevator A. C. 1 row chopper, New Holland PTO blower with 40' pipe, New Holland No. 330 135 bu. spreader, Gehl feed mixer & grinder (Portable), John Deere No. 9 7' mower, scraper 3 pt. hitch, John Deere sprayer, Cross 30' elevator, 2 silage wagons with end gates, 1 wagon with feed box and many more small farm tools.

DAIRY EQUIPMENT: 450 gal. Girton bulk tank, 4 Surge milkers, Surge vacuum pump S P 11, wash vat, drain table and other dairy supplies.

FEED: Approx. 2700 bales of top hay: 1000 bales alfalfa & timothy, 1000 bales timothy, 500 bales clover & timothy, 250 bales grass hay. All of this hay was put up without being rained upon.

90 HEAD OF HOLSTEIN DAIRY CATTLE: This herd consists of 42 head of mature milk cows. Twelve cows are dry and close springing; 16 freshened within last 60 days; balance in full flow of milk and re-bred for fall and winter freshening. There are 14 large open Holstein heifers, 17 head of yearling heifers, 5 started heifers, 11 small heifer calves and a 2 yr. old Holstein stock bull. Cattle are T B. Accredited, Certified Bangs Free and tested within 30 days of sale for inter-state shipment. All cows have been examined for pregnancy. This is a good working herd of completely home-raised cattle

TERMS: CASH
Not responsible for accidents on day of sale.
Lunch will be served.

OWNERS:
MR. & MRS. ROY BRINEGAR
Conowingo, Md.
(Rt. 1, Box 109)
Phone: 301-378-3824

ABERDEEN SALES CO. INC.

Sale Managers
Kent R. Ferrell — Auctioneer
Phone: 301-734-6050
301-734-7105



SPECIAL SALES

FRIDAY, OCTOBER 5 and OCTOBER 26
7:30 P.M.

All Weights Steers, Calves, and Cows.

Charolais, Angus and Hereford calves and yearling steers and heifers No paint marks or hip tags on any of these cattle. All cattle weighed on sale day.

Beef breeds and some holstein steers-Sorted in uniform lots.

For further information, contact:

J. FRANCIS TINSMAN

LEESBURG LIVESTOCK MARKET

Leesburg, Virginia

Phone 777-1411

Phone 777-3521

Regular Sale Day every Monday 2:00 P.M.

Plan now to attend this sale, as quality pays in many ways

DAIRY HERD DISPERSAL

At Shady Lane Dairy Cow Stables, ¼ mile West of Quarryville, Pa.

70 HEAD HOLSTEINS



SATURDAY, SEPT. 29,

1:00 P.M. DST

This dairy consists of 15 recently fresh, 15 due and springing, balance in all stages of lactation.

This herd is a fall freshening herd, so if you need milk we will have it at this sale.

Also 20 head of outstanding fresh and close springing cows from Maryland and Virginia. A few purebreds.

Farmers — Don't miss this sale. If you want good cows we will have them.

TB and Blood Tested.

**SALE BY
FITE BROS.**

Quarryville, Pa.

Glenn 1-717-786-2750

Gerald 1-717-548-2543

KERSEY BRADLEY, Auct.
N. E. Eschbach, Clerk

SPECIAL MENTION

1 real Registered Kingpin due Nov. 5th.

THE NEW OWNERSHIP OF LANCASTER STOCKYARDS INC.

WILL CONTINUE THE POLICY OF A

STOCKER AND FEEDER AUCTION SALE

EVERY FRIDAY DURING SEPTEMBER

NEXT SALE SEPT. 28, 1973

SALE STARTS AT 1:00 P.M.

All Grades, Breeds, Weights

Load Lots — Small Lots

Lancaster Stockyards, Inc.

LANCASTER, PA.

PH. 717-394-2611

MEMBER DEALERS

WALTER M DUNLAP & SONS
J. M HOOBER & SON
LOUIS LYONS & SON

JOHNSON CATTLE CO
MERTON W McCOY
WM. W. McCOY

T G KREIDER
EDW L. BROWN
S. L. HEILBRON & SONS

GREAT BARGAINS

DOZERS & LOADERS

ITEM	STOCK NO.	PRICE	ITEM	STOCK NO.	PRICE
Cat D-6 Dozer	22585	\$ 5,500.	IH T-340, 4-in-1 Loader	22477	\$ 2,900.
A-C HD-5 Loader & Ripper	22273	\$ 4,000.	J.D. 420 Dozer	22260	\$ 2,350.
A-C HD-6G Loader	22504	\$ 5,800.	Oliver OC-3	22400	\$ 750.
A-C HD-6G Loader	22406	\$ 5,500.	Cat 933 Loader	22458	\$ 4,500.
Cat 955, 12A Loader	22419	\$ 5,500.	A-C HD-11 With Pan	22580	\$ 8,500.
Cat 955H Loader (Pedal Steer)	21633	\$14,500.	A-C 653 Dozer	22711	\$ 6,000.
A-C HD-3 Dozer	22575	\$ 4,000.			
Oliver OC-3	22159	\$ 750.	Cat D4 Dozer with Winch	21177	\$ 3,500.
IH-150, 4-in-1 Powershift	22503	\$ 8,000.	J.D. 450 Loader	22794	\$10,500.
Case 450 Loader	22444	\$ 8,500.	Case 800 Loader	22814	\$ 6,500.
Int. T340 4-in-1 Loader	22722	\$ 3,500.	J.D. 450 Dozer	22801	\$ 7,500.
Case 800 Loader	22763	\$ 6,500.	Cat D4 Dozer	22805	\$ 2,500.
Cat 955 12A Loader	22770	\$ 6,500.	AC HD3 Loader	22813	\$ 3,950.
Int. TD9 loader (late model)	22712	\$ 3,500.	J.D. 420 Loader		\$ 1,200.
Cat 933 Loader	22720	\$ 5,000.	Case 1000 dozer	Coming in	
A-C HD-4 Loader	22404	\$ 6,500.	Case 1000C Loader		
J.D. 450 Loader	22403	\$ 7,500.	Case 450 Loader		

BACKHOE-LOADERS

Case 580CK	21714	\$ 6,900.	Ford 5550	22745	\$15,000.
Case 580CK	22002	\$ 6,900.	J.D. 500A	22726	\$ 8,500.
Case 530CK	21623	\$ 4,800.	Case 580CK	22713	\$ 6,000.
Case 530CK	22532	\$ 1,750.	Ford 801	22740	\$ 3,250.
Ford 4500	21740	\$ 6,500.	J.D. 400	22796	\$ 6,500.
Ford 3400	21144	\$ 5,500.			
M.F. 2200	22686	\$ 6,500.	Case 680 CK	Coming in	
Parsons 15	22687	\$ 8,500.	Ford 4500		
Parsons 15	22737	\$ 7,500.			

FORKLIFTS

Int. 7000	22231	\$ 8,000.	Case 580CK	Coming In	\$ 7,500.
A.C. 1400	22571	\$ 5,000.	Clark 4 wheel drive	22758	\$ 6000.
Baker			22759	\$ 2,000.	
A.C. 1600	Coming In			\$ 6,000.	

SKID STEER LOADERS

Make & Model	Stock No.	Price	Make & Model	Stock No.	Price
Melrose 500 Bobcat	21605	\$ 3000.00	Case 1530 Uniload	22484	\$ 3750.00
Universal Uniload	21432	\$ 3250.00	Case 1737 Uniload	22752	\$ 4950.00
Case 1537 Uniload	21716	\$ 3250.00	Thomas Uniload	22802	\$ 3,250.00
Case 1537 Uniload	22481	\$ 3750.00	Thomas Uniload	22803	\$ 3,250.00
Case 1530 Uniload	22482	\$ 3750.00	Thomas Uniload	Coming In	
			Owattona Water Cooled	Coming In	

INDUSTRIAL TRACTORS

Case 430 CK Diesel	22624	\$ 2500.00	M. F. 2200 Gas with Loader	22627	\$ 4000.00
M. F. 204 Gas with Loader	21493	\$ 2500.00	Case 680 CK Diesel with Loader & Cab	20950	\$ 4500.00
Ford 4040 Gas with Loader	21729	\$ 3500.00	Ford 3400 Gas with Loader	22750	\$ 4950.00
			Int. 2444 gas with Loader	22810	\$ 4,450.00

RUBBER TIRED LOADERS

Hough 25 Gas	22753	\$ 2250.00	Cat 922B Diesel	22443	\$ 9500.00
Michigan 125 Diesel & Cab	22704	\$ 5000.00	Ferex 72-10 Diesel	22432	\$12,500.00
Lorain M L 225 Diesel & Cab	22390	\$ 6500.00	J.D. 544 Diesel & Cab	Coming In	
Case W9D Diesel & Cab	22393	\$ 6500.00	Trojan 410 Diesel & Cab	22774	\$ 5750.00

MYERSTOWN,
PENNSYLVANIA 17067

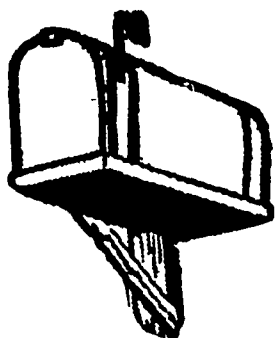
25 Miles East of Harrisburg
½ Mile from
Lebanon Valley Airport

wenger's
FARM & INDUSTRIAL EQUIPMENT



TELEPHONE
(717) 866-2138

"Home of Quality"



Mail Box Market

For Sale - New Idea 30 ft. bale elevator \$225.00. Call mornings around 7:30 Phone 717-442-4510

For Sale - 2 incubators - 1 Humidair and 1 Buckeye - 1 Buckeye hatcher, 3000 egg capacity, excellent and new condition, make offer. Phone 717-656-9787

For Sale - Single row New Idea corn picker. Phone 569-1283

For Sale - One Kingpin Dau. from Ivanhoe Dam. Due in January. Call 656-9072

Wanted - Carrier for McCormick PTO binder. Write immediately John M. Fisher, Box 137, RD2, Quarryville, Pa. 17566

For Sale - Chester White Boars, one was champion at Timonium, Md and York County Fair, 200 to 265 lbs. Rodger Bankert, 25 Pine St., Hanover, Pa Phone 717-637-2932

Wanted - Pulley for David Bradley 10" Hammer Mill 3 1/2" x 7 in 1 1/2-16" bore. Also nice clean Timothy seed For Sale. Call 365-3343 or write Box 217, Gratz, Pa. 17030

Farm House for rent in Morgantown area Person to help with chores on dairy farm part time. Phone 215-286-5393

For Sale - 8 hole hog self feeder, good condition \$60.00 Phone 354-7423

Mail Box Market

For Sale - 30 ton of sound ear corn. Levi S. Stoltzfoos, Hess Road, Leola, Pa.

Wanted - I would trade steel grass mower wheels for rubber tire ones to a John Deere No. 3 or McCormick Deering No. 7. Noah E. Hoover, Narvon RD1, Pa. 17555 or call 445-5738

For Sale - Service age Red and White Holstein bull, sired by Citation R Maple. Dam by Hagen, deep pedigree, 4 percent background. More information Oakenbound Holsteins, RD1, Richland, Pa. 17087, Phone 717-866-4286

For Rent - Farm house in Spring of 1974. No electricity. John K. Beiler, Quarryville RD3, Pa. 17566

Wanted - Used oil burner hot water. Call 215-445-6067, M. Mervin Weaver, East Earl RD2, Pa.

Service Offered - Toggenburg Billy goat for breeding. Call 442-4171 or 442-4949.

Wanted - Combination coal and electric range in good condition. Call 215-445-3534

For Sale - Metal corn crib - 23' long, 6' wide, 8' high. To be moved. Located near Rothsville \$100. Phone 859-2398

Wanted to Buy - Metal gravity bin with or without wagon for corn picking and Oliver No. 5 corn picker, would buy both needing repairs. Phone 733-8434

For Sale - Milk porter Sputnik for half price. Reuben F. Esh, 1 mile Southeast of Intercourse at Newport Repair Shop

For Sale - Sound old ear corn; also Barley and Rye seed. Phone 717-548-3181

Mail Box Market

For Sale - Twin stainless steel milk house tubs \$45; 40' galvanized silo chute \$30; 30' outside silo ladder with platform and cage \$45; 100 sheets used roof tin \$10. Leon J. Fisher, New Providence 284-4342

For Sale - 12 ton Butler feed bin need some repairs \$150; International 13 disc grain drill good \$115; young Boars and open Gilts; heavy lumber 6 x 8's and 10 x 12's 16 to 30 foot lengths. A. K. Beiler, RD3, Quarryville Mt. Eden Church West.

Wanted - Winter stabling for small heifers. Phone 786-3740

For Sale - 200 ft. Jamesway litter carrier track and tub; also Kenmore coal heater, large size. Call 656-8916

For Sale - Cleaned Redcoat seed wheat \$5.00 per bu. Also 12 automatic chicken water troughs; 40 hanging feeders. Phone 354-5360

For Sale - Potato digger, new web; Peerless feed grinder mixer good shape; Myers pump jack; Boys 26 in bike, like new. Aaron M. Wenger, Leola RD1, Pa. 1/2 mile north of Bareville, Farmersville Road.

for Sale - Utility trailer, 6 ft. bed, lights, title. Phone 215-445-4761

Wanted to Buy - High moisture corn right out of the field. Phone 717-354-0379

For Sale - 4 year old quiet, rides and drive, horse. Best offer. Call 684-8893

For Sale - Ford 1-row corn mounted husker; Ford Falcon car 1967 model, 2 dr., 3 speed. Phone 733-8708

For Sale - 1968 Plymouth Fury II, Power steering, brakes, Air Cond., dark green, black interior, runs excellent \$620. With new paint job \$750. Phone 717-225-4511

Mail Box Market

For Sale - Purebred Fox Terrier puppies. David King, 1927 Horseshoe Road, Lancaster, Pa.

For Sale - 40" Caloric gas range with double oven, fine condition. Call 626-7862

For Sale - Homart hot water furnace with all radiators and copper pipes; 9 x 12 rug with pad, green, best offer. Write to John K. Beiler, Furnace Rd., Box 154, RD3, Quarryville, Pa. 17566

Wanted - Working partner, raise steers and pigs, 102 acres. No rent but small token investment necessary, Elverson area. Write References Box 162. Cynwyd, Pa. 19004

For Sale - 1 new 750x16 8 ply tire; 4 used 670 x 16 6 ply tires \$30.00. Phone 626-4400

For Sale - IH forage harvester 9 knives, direct throw, 3 heads in good condition. Reason for selling, don't have a use for it. Henry J. Yoder, Watstown, Pa. 17777, RD2, Box 122, Phone 649-5282

For Sale - McCormick Deering corn binder with loader and motor on steel wheels in A-1 condition. Daniel K. Esh, May Post Office Road, RD3, Quarryville, Pa.

For Sale - McCormick Deering corn binder with loader and motor on steel whells in A-1 condition. Daniel K. Esh, May Post Office Road, RD3, Quarryville, Pa.

For Sale - 15 ton Howe truck and cattle scales; Spelts, cleaned and treated \$3.50 per bu. Ben R. Beiler, Kirkwood, Pa.

For Sale - 1 Registered Hampshire yearling Ram; 3 or 4 ton mulch hay; 1963 3/4 ton Chev. stake body truck, good condition, inspected. Micar Farm, Box 25, Stewartstown, Pa. 17363, Phone 717-993-6317

FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words. All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper. No business advertisements accepted.

For Sale - Registered bull calf sired by Kenny. Dam is classified Very Good 88 and has records over 20,000 milk. Samuel I. Esh, East Newport Road, Gordonville RD1, Pa.

Wanted - Brooder house or similar building to house sheep when lambing, will haul. John L. Stauffer, Box 67, RD2, East Earl, Phone 215-445-6175

For Sale - 30 Holstein bull calves, about 300-400 lb. Reuben Reiff, Lititz RD4, Middle Creek Road.

For Sale - Heavy chickens, May 1973 hatch. Joseph F. Fisher, North of Rte. 30 at Soudersburg, Pa.

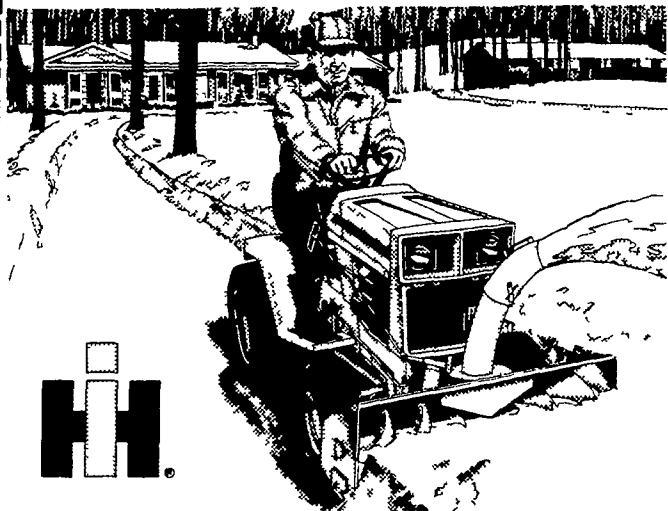
Wanted - Block building, will remove. David S. Fisher, Box 245, RD1, Ronks, Pa. along South Ronks Road.

For Sale - 50 500 lb. Holstein Bulls. Phone 215-445-3272.

For Sale - Standing walnut trees. Write Box 266C, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

For Sale - 1 PR I.H. Corn Picker, picked 30 acres. Mc. Deering Rotary Scythe. Phone 656-7013

CALL Elmer Beiler



Quick attach snow throwers will do your heart good.

Take on the worst of winter nice and easy with International Harvester power snow removal equipment.

Just hook up our snow thrower to a Cub Cadet® tractor. It attaches easily. You start in seconds. Choose a 36 or 42 inch wide snow thrower. Come in today.

CALL Leroy Zook

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EARLY DISCOUNT on Lancaster Silo and Unloaders. Ryder Barn Equipment

Call Bob & Les USED EQUIPMENT

New No. 234 Corn Picker
Farmall 400 Tractor
New SP International Combines
J. D. Fertilizer Spreader
Grimm Hay Tedder
I.H. 470 Disc Harrow with Wings
540 4-Bottom Plow
550 - 5 Bottom Plow.
2—No. 61 Forage Wagons
Used 650 Harvester
Used 550 Harvester
New No. 56 Blower

BEST PRICE on BALERS

Ask Us For a Demonstration on a 990
Mower-Conditioner

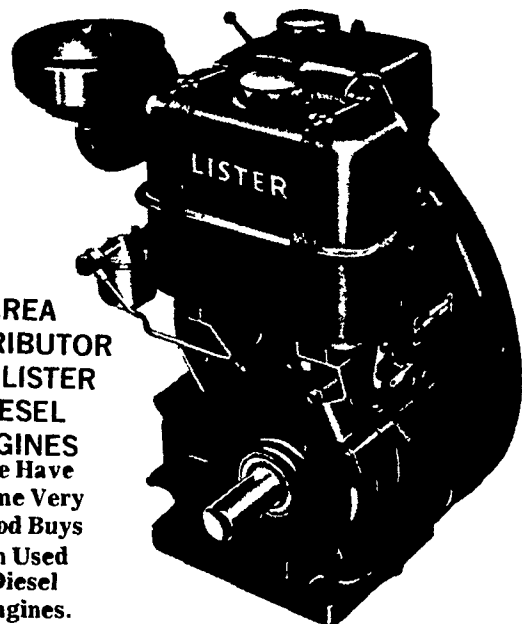
PARTS DEPARTMENT CALL Dick Bomberger CALL US! IT COULD BE WE HAVE IT. PLASTIC SILO COVERS

12 foot	\$3.50
14 foot	\$3.98
16 foot	\$4.69
18 foot	\$5.49
20 foot	\$5.95
24 foot	\$8.45

Plastic TRENCH COVERS 6. mil
20' x 100' — 24' x 100' & 32' x 100'
CHECK YOUR
International Multi-Purpose
GREASE

35 lb. Pail **\$9.90**

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Mail Box Market

For Sale - 458 John Deere grain dryer, dries 400 bu. Donald Balthaser, Sinking Springs, RD6, Phone 215-777-0052

Real Estate

Wanted to Rent - Empty barn or stables to fatten hogs. Must have at least 600 sq. feet. Manheim or Mount Joy area. Phone 665-7294 or 665-6274

For Sale - 88 acre Dairy Farm Upper Dauphin Co. at Gratz, Pa. adjoining fair grounds. Known as Earl Engle farm. Bulk tank, barn cleaner and other conveniences. Phone 215-445-3721.

Real Estate

MODERN DAIRY FARM. Bulk tank and other conveniences. Ranch-type dwg. Juniata County, Pa. Phone 717-529-4406

NEW YORK - St. Lawrence County. 240 acres, 50 cow barn, 625 tank dumping station, 45 milch cows. All machinery, 2 tractors, diesel and gas, plenty hay & corn, 5 bedroom house approx. 1/2 mile river frontage. Secluded area. Hardtop road, school bus at door. All goes for \$77,500.00

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REAL ESTATE
LIVERPOOL, N.Y.
Phone 315-457-3380

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Livestock For Sale

For Sale - Nice big Kingpin Heifers due Sept. and Oct. Daniel Esh, 1 mile east of Strasburg along 741.

Registered Hampshire and Yorkshire boars and gilts, all ages.

PRESTON BANKERT
RD3 Red Lion, Pa. 17356
Phone 717-244-1244

Duroc Boars for sale - Sired by production tested sires. Similar in breeding as our Pa. State Sale reserve champion boar and champion bred gilt. Also we sire champion Duroc carcass at 72 Keystone Invitational. Dutch Valley Farm, Phone 717-665-6220

Wanted - Registered and Grade Holstein Heifers or sound cows which will calf within 8 weeks.

J. B. KELLER & BRO.
Mount Joy, Pa. 17552
Phone 717-653-4591

For Sale - Feeder Cattle, Bulls and Heifers, Holstein Hereford and Angus; 500-800 lbs. Call 717-362-8950

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD2 Strasburg, Pa. PH: Ac 717-786-2562

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., John Alleman Manager. 717-768-8378.

Yorkshire service age boars - Unrelated bloodlines. Delivery Available.

LEON L. ARNOLD
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Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

Wants to Buy - Registered Holstein Heifer Calves. Phone 872-4058

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SAVE 10%

Early Order Savings on famous Stark Bro's quality trees and plants. Applies to all Fall and Spring orders
A LIMITED TIME ONLY

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Custom silo filling in the Columbia area David Payne, RD2, Columbia, Pa. Phone 684-5202

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28" rows and up.
BROOK LAWN FARM
Neffsville
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Wide or narrow rows
Preston LeFevre
Phone 786-3747

Help Wanted

Man wanted for large swine and beef operation in York County, good wages, house available, plus other benefits. Experience with livestock necessary. Write Box 266B, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

Reliable person wanted for work in food processing plant. Apply Consumers Packing Company employment office, Plum and Liberty Street, Lancaster, Pa. between 8 A.M. and 4:30 P.M. Phone 397-6141

Help Wanted

Wanted - Hard working, reliable individuals to work crops or farm maintenance. Lauxmont Farms, Wrightsville, Pa Phone 717-252-1525

Feed Mill located in Hempfield Industrial Park has openings for 1st and 2nd shift work. Apply at Allied Mills, Inc., 3349 Hempland Road, An equal opportunity employer.

"Employment training for handicapped people - Mentally Physically, Emotionally and Socially Disadvantaged. If you have not been able to keep a job in the past year because of your handicap, you are eligible for Goodwill Vocational Training. For information call 394-0647 and ask for Miss Burkholder."

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FULL-TIME PART-TIME DAY OR EVENING SHIFT

-EGG PACKERS
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NEEDED NOW

Experience preferred but not necessary. We will train.

- Finest working conditions
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For More Information
Call 717-665-3511
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RD 3

Elizabethtown, Pa

Ask for Paul Hess, Jr.

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Use your farm skills with us. We need help with slaughtering and general labor in our new plant.

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Lancaster, Penna.

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Ph. 569-0111

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Experience with eggs preferred, Five figure income, All replies confidential.

- Finest working conditions
- Profit sharing
- Excellent hospitalization plan

Send resume to Box 266D, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543 or call 717-898-8420 after 6 P.M.

MANAGER NEEDED IMMEDIATELY SALARIED POSITION

Prior knowledge on Page-Detroit Equipment preferred

Also familiar with all phases of egg processing We will train the right person \$10,000 and up

Send resume to Box 266A, c-o Lancaster Farming Newspaper, Lititz, Pa 17543 or call 717-898-8420 after 6 P.M All replies confidential

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- Excellent Hospitalization.

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Full time, permanent
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in Manufacturing at our plant locations in New Holland and Mountville All openings are on the night shift in our Assembly, Welding and Plant Services (Janitor) Departments

We also have openings
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If you see your regular job ending for the fall and winter months, we can supply you with "first class" employment till spring (March-April)

No experience is necessary We will train you on the job Successful applicants will be eligible for excellent company-paid benefits including

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If you are interested in joining a team that has built a reputation for manufacturing outstanding farm equipment, and has enjoyed a record of steady, rewarding employment, contact

J Harold Wright at 351-1819 (8:00 A.M. until 5:00 P.M.) or Sam Heltman at 351-1811 (5:00 P.M. until 12 Midnight)

You may apply at our Plant Personnel Office in New Holland located on Diller Avenue, Monday through Friday from 8:00 A.M. until 12 Midnight

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4 aerial ladders 40 to 85 ft. reach on 1962 and 1963 trucks for farm painting etc. 1963 Ford truck, cab and chassis, 18 ft. wheel base, perfect condition. Phone 786-2061

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cars, trucks and
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DEALERS IN
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CUSTOM DRYING
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700 gal. Esco. good cond., with compressor. 8 can Sta-Kool can cooler Used 600 gal. Mojonner Milk tank Slightly damaged. Used 300 gal. Girton Milk Tanks good cond.

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Miscellaneous

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I need Purebred and extra cute mixed breeds in litter lots, 7 to 10 week old. Must be clean and healthy. Contact Pup Man at Root's Farmers Market, RD1 Manheim, Pa. Every Tuesday 4 P.M. to 8 P.M. No Phone Calls.

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M. M. Model 2 B tractor; '51 Dodge ½ ton pickup truck; 3 Surge bucket milker units; 52 gallon hot water heater; double stainless steel wash tubs. Call 626-5711

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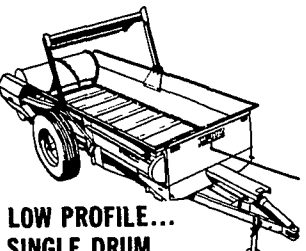
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New Idea number 14 Manure Spreader on rubber, excellent condition.

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1971 John Deere 4320 Tractor
Used Cub Cadet



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New Providence
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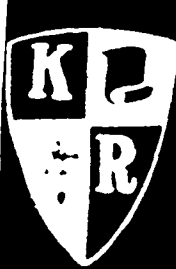
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770 N. H. Forage Harvester
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IH 500C w-loader
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1965 Ford F350 Truck w-van body
IH 3200 compact loader tractor
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IH 350 Harvester with corn head
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New and Used Tractor tires
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For Sale - John Deere three point hook-up 3.16" bottom plow in good condition. Call 215-593-5661

1971 Fox Maxi Self-propelled Harvester with 671 engine, cab, electric knife grinder, hydrostatic drive, used only 600 hours, \$12,500.

1968 Fox Super 1000 with electric grinder \$2800.
2-row Fox Snapper head used on 100 acres \$1350.

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15 Granger doors; 78 Terre Hill doors; 12 Natco Tile doors; Several 18 ft. x 20 ft. and 24 ft.

Sarmec unloader tripots; 540 ft. 2" pipe suitable for railing for barnyard fence

1962 9 pass. Cadillac in good running order, price right to quick buyer.

M. E. Weaver

Call after 5 P.M.

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175 Massey Ferguson Diesel Tractor, fully equipped, good cond.

1-row Wood Bros. corn picker 1 horse top buggy on rubber, like new

4 wheel pony wagon, like new

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Fox Super D SP Forage Harvester with 3-row corn head and grass pickup head, excellent condition; New Idea 702 Uni-Harvester, 400 hrs., with forage harvester attachment, very good condition.

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Lancaster, Pa.
Phone 717-529-2956

702 New Idea Gas Uni-System - w-attach. Forage Harvester, corn picker and combine.

New Idea 320 Mtd. Picker

New Holland 331 Spreader

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N.H. 501 S spreader

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Local Grain

Thursday, September 20

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except for ear corn which is per ton.

The average local grain prices quoted Thursday, September 20, 1973, are as follows:

	Bid+	Offered+
Ear Corn, Old	63.33	73.33
Shelled Corn	2.36	2.56
Oats, Local	1.10	1.32
Oats, Western	1.66	1.78
Barley	1.95	2.16
Wheat	3.96	4.08

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Lancaster Farming Photos for Sale

If you'd like prints of any Lancaster Farming photographs, we'll be happy to make them for you. To order, just complete the form below and mail or bring it to: Photo Department, Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543

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As Insects React—

That Old Devil Moon Sheds New Light

There may be some scientific basis after all to that old wives' tale about the change of the moon bringing an increase in baby births.

The tale apparently does hold true when it comes to certain insects, reports the National Cotton Council.

Data compiled from six years' study of cotton pests in California's San Joaquin Valley show that moon-watching enables scientists to predict population increases in bollworms with amazing accuracy.

Among other things, it was learned that bollworms lay the most eggs around the time of the new moon. Egg production then begins to decline and reaches its lowest point at full moon. The reason for this, according to scientific conjecture, is that the light of the full moon apparently affects insects' mating habits.

While the moon phase concept may sound like an old wives' tale, scientists think it can be a valuable new aid to farmers in making pest control decisions and planning over-all crop management.

Dr. Louis Falcon, insect pathologist at the University of California in Berkeley believes it will allow more effective bollworm control through the use of predatory insects.

These natural enemies of the bollworm would be released in the fields to feed on eggs and small worms during the 14 days between the new moon and the old one. It's estimated that 90 per cent con-

trol is possible with this method. Then the grower can decide whether to follow up with insecticides.

The moon phase also is useful in helping pinpoint when problems are likely to occur.

One cotton grower, using it as a guide, found an earlier than normal infestation of bollworms. By attacking the problem early with insecticides, he was able to get good control with only a single application.

Similar studies on cabbage loopers and beet armyworms show they also are affected by moon phases. Data confirm that fewer eggs are deposited by these insects at full moon.

Unique Position

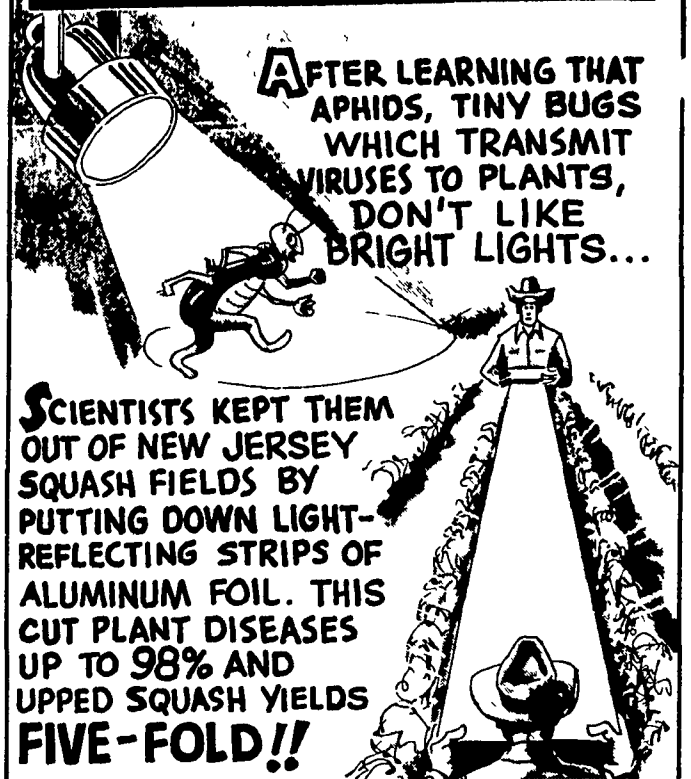
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4' x 8' SHEET PER SHEET 4' x 8' SHEET PER SHEET

5/8" C-D-X **7.75** 3/4" AC **11.75**
4' x 8' SHEET PER SHEET 4' x 8' SHEET PER SHEET

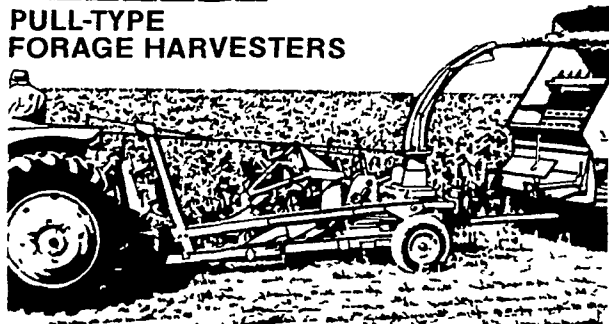
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